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DYESTUFF & COLORANT

WUHAN SHINE TECHNOLOGY CO., LTD.

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武汉欣辉鸿科技有限公司

WUHAN SHINE TECHNOLOGY CO., LTD.



| BASIC DYES                            |  | 染料名称<br>Name of Products | 色样<br>Pattern | 染色深度<br>Dyeing Depth (O.W.F) | 染色深度<br>Dyeing Depth (O.W.F) | 配伍值 K<br>Compatible Value | PH 稳定范围<br>PH Stable Range | 日晒<br>LIGHT (XENON) | 皂洗 60°C<br>Washing<br>150°C 15 L/ton | 原样变化<br>Change in Shade | 棉沾色<br>Stained on Cotton | 摩擦<br>Rubbing | 汗渍<br>Perspiration |          |
|---------------------------------------|--|--------------------------|---------------|------------------------------|------------------------------|---------------------------|----------------------------|---------------------|--------------------------------------|-------------------------|--------------------------|---------------|--------------------|----------|
|                                       |  |                          |               |                              |                              |                           |                            |                     |                                      |                         |                          |               | 干<br>Dry           | 湿<br>Wet |
|                                       |  |                          |               |                              |                              |                           |                            |                     |                                      |                         |                          |               |                    |          |
| 荧光黄 10GFF 300%<br>Brill.Flavine 10GFF |  | Y-40                     | 0.5           | 3.5                          | 2-5                          | 3                         | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4        |
| 荧光黄 7GL 500%<br>Brill.Flavine 7GL     |  | Y-24                     | 0.38          | 1.5                          | 2-7                          | 6-7                       | 4-5                        | 4                   | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4-5      |
| 黄 7GLL 200%<br>Yellow 7GLL            |  | Y-21                     | 1             | 2.5                          | 2-7                          | 4-5                       | 4-5                        | 4                   | 4-5                                  | 4-5                     | 5                        | 4-5           | 4                  | 4-5      |
| 黄 X-8GL 250%<br>Yellow X-8GL          |  | Y-13                     | 0.9           | 3.5                          | 2-5                          | 6-7                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4        |
| 黄 X-5GL 400%<br>Yellow X-5GL          |  | Y-51                     | 0.5           | 3                            | 3-6                          | 5-6                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 金黄 X-GL 250%<br>Golden Yellow X-GL    |  | Y-28                     | 0.4           | 3.5                          | 3-6                          | 6-7                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 桃红 X-FG 250%<br>Pink X-FG             |  | R-13                     | 0.61          | 4                            | 3-7                          | 3-4                       | 4                          | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4             | 4-5                | 4-5      |
| 艳红 X-5GN 250%<br>Brill.Red X-5GN      |  | R-14                     | 0.5           | 3.5                          | 2-7                          | 3-4                       | 4                          | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 红 X-GTL 200%<br>Red X-GTL             |  | R-18                     | 0.5           | 3                            | 2-10                         | 5                         | 4                          | 4                   | 4-5                                  | 4-5                     | 4-5                      | 3-4           | 4-5                | 4-5      |
| 红 X-GRL 250%<br>Red X-GRL             |  | R-46                     | 0.8           | 3.5                          | 2-7                          | 6-7                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4-5      |
| 桃红 X-6B 100%<br>Red X- 6B             |  | V-7                      | 1             | 3                            | 4-6                          | 3-4                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4        |
| 紫红 3R 300%<br>Violet Red 3R           |  | V-16                     | 0.3           | 1.5                          | 3-8                          | 4                         | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 翠蓝 X-GB 250%<br>Turq.Blue X-GB        |  | B-3                      | 0.36          | 3.5                          | 3-8                          | 4-5                       | 4                          | 4                   | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 艳蓝 2RL 500%<br>Brill.Blue 2RL         |  | B-54                     | 0.26          | 1.5                          | 2-5                          | 5-6                       | 3-4                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4-5      |

| BASIC DYES                            |  | 染料名称<br>Name of Products | 色样<br>Pattern | 染色深度<br>Dyeing Depth (O.W.F) | 染色深度<br>Dyeing Depth (O.W.F) | 配伍值 K<br>Compatible Value | PH 稳定范围<br>PH Stable Range | 日晒<br>LIGHT (XENON) | 皂洗 60°C<br>Washing<br>150°C 15 L/ton | 原样变化<br>Change in Shade | 棉沾色<br>Stained on Cotton | 摩擦<br>Rubbing | 汗渍<br>Perspiration |          |
|---------------------------------------|--|--------------------------|---------------|------------------------------|------------------------------|---------------------------|----------------------------|---------------------|--------------------------------------|-------------------------|--------------------------|---------------|--------------------|----------|
|                                       |  |                          |               |                              |                              |                           |                            |                     |                                      |                         |                          |               | 干<br>Dry           | 湿<br>Wet |
|                                       |  |                          |               |                              |                              |                           |                            |                     |                                      |                         |                          |               |                    |          |
| 蓝 X-GRRL 250%<br>Blue X-GRRL          |  | B-41.1                   | 0.4           | 3.5                          | 2-5                          | 6                         | 3-4                        | 4                   | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4-5      |
| 蓝 X-GRL 300%<br>Blue X-GRL            |  | B-41                     | 0.4           | 3.5                          | 2-5                          | 6                         | 3-4                        | 4                   | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4-5      |
| 蓝 X-BL 250%<br>Blue X-BL              |  | B-159                    | 0.36          | 3.5                          | 2-7                          | 6-7                       | 4                          | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 黑 GLL 100%<br>Black GLL               |  |                          | 3             | 3                            | 2-7                          | 6-7                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4                  | 4-5      |
| 黑 X-FBL 300%<br>Black X-FBL           |  |                          | 2             | 3                            | 2-5                          | 6                         | 4-5                        | 4-5                 | 4-5                                  | 4                       | 4-5                      | 4             | 4-5                | 4-5      |
| 黑 X-O 300%<br>Black X-O               |  |                          | 1.5           | 3                            | 2-7                          | 3-4                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 绿 4 100%<br>Basic Malachite Green     |  | G-4                      | 3             | 2                            | 2-7                          | 6-7                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 黄 2 100%<br>Basic Auramine O          |  | Y-2                      | 3             | 3                            | 2-5                          | 3-4                       | 4-5                        | 4-5                 | 4-5                                  | 4-5                     | 4-5                      | 4-5           | 4-5                | 4-5      |
| 紫 5BN 100%<br>Basic Methyl violet 5BN |  | V-10                     | 3             | 3.5                          | 2-5                          | 3-4                       | 4-5                        | 4-5                 | 4-5                                  | 4                       | 4-5                      | 4-5           | 4-5                | 4-5      |
| 蓝 BO 100%<br>Basic Victoria BO        |  | B-7                      | 3             | 3                            | 2-5                          | 3-4                       | 4-5                        | 4-5                 | 4-5                                  | 3-4                     | 2-3                      | 4-5           | 4-5                | 3-4      |
| 蓝 11 100%<br>Basic Victoria Blue      |  | B-11                     | 3             | 1                            | 2-7                          | 4                         | 4-5                        | 4-5                 | 4-5                                  | 4                       | 2-3                      | 4-5           | 4-5                | 4-5      |



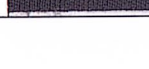
| VAT DYES<br>(Exhaust Dyeing Methods) |               | 日光<br>Light (XENON) | 还原<br>Hypocho-rite | 过氧化氢<br>Hydrogen Peroxide | 煮沸 95℃<br>Washing 95℃ | 耐汗渍<br>Perspiration |          |                 |          | 耐摩擦<br>Rubbing | 耐热压<br>Hot Pressing 200℃ | 丝光<br>Mercerize | 碱煮<br>Alkali Boil |          |          |
|--------------------------------------|---------------|---------------------|--------------------|---------------------------|-----------------------|---------------------|----------|-----------------|----------|----------------|--------------------------|-----------------|-------------------|----------|----------|
|                                      |               |                     |                    |                           |                       | 酸<br>Acidity        |          | 碱<br>Alkalinity |          |                |                          |                 |                   |          |          |
| 染料名称<br>Name of Products             | 色样<br>Pattern | 1-1                 | 变色<br>CH           | 变色<br>CH                  | 变色<br>CH              | 棉沾<br>CO            | 变色<br>CH | 棉沾<br>CO        | 变色<br>CH | 棉沾<br>CO       | 干<br>DRY                 | 湿<br>WET        | 变色<br>CH          | 变色<br>CH | 变色<br>CH |
| 黄GCN<br>C.I.Vat Yellow 2             |               | 5                   | 4                  | 4-5                       | 4                     | 4-5                 | 4        | 4-5             | 4        | 4-5            | 4-5                      | 4               | 4B                | 4-5      | 4-5      |
| 艳橙GR<br>C.I.Vat Orange 7             |               | 6-7                 | 5                  | 4-5                       | 4-5                   | 4-5                 | 4-5      | 5               | 4-5      | 5              | 4-5                      | 3-4             | 4Y                | 4-5      | 4-5      |
| 红6B<br>C.I.Vat Red 13                |               | 6-7                 | 4-5                | 5                         | 4-5                   | 4                   | 4-5      | 4               | 4-5      | 4              | 3-4                      | 3               | 4                 | 5        | 4-5      |
| 红F3B<br>C.I.Vat Red 31               |               | 6-7                 | 4-5                | 4-5                       | 4                     | 4                   | 4-5      | 4-5             | 4-5      | 4-5            | 3-4                      | 3               | 4Y                | 4Y       |          |
| 枣红2R<br>C.I.Vat Red 15               |               | 6-7                 | 4-5                | 4-5                       | 4-5                   | 4                   | 4-5      | 4               | 4-5      | 4              | 4                        | 3               | 4Y                | 3-4      | 4-5      |
| 艳紫2R<br>C.I.Vat Violet 1             |               | 7                   | 4-5                | 4-5                       | 4                     | 4-5                 | 4        | 4-5             | 4        | 4-5            | 4-5                      | 3               | 3B                | 5        | 4-5      |
| 蓝RSN<br>C.I.Vat Blue 4               |               | 7                   | 2Y                 | 4-5                       | 3-4                   | 4-5                 | 4        | 4-5             | 4        | 4-5            | 4-5                      | 3-4             | 4Y                | 3Y       | 4~5      |
| 蓝BC<br>C.I.Vat Blue 6                |               | 7                   | 3~4Y               | 4-5                       | 4                     | 4-5                 | 4        | 4-5             | 4        | 4-5            | 3-4                      | 3               | 4Y                | 4Y       | 4~5      |
| 深蓝BO<br>C.I.Vat Blue 20              |               | 6-7                 | 4-5                | 4-5                       | 2-3                   | 4-5                 | 3-4      | 4-5             | 3-4      | 4-5            | 4-5                      | 3               | 3~4Y              | 4-5      | 4-5      |
| 蓝 CLF<br>C.I.Vat Blue 66             |               | 7-8                 | 4-5                | 4-5                       | 4-5                   | 4-5                 | 4-5      | 4-5             | 4-5      | 4-5            | 4-5                      | 4-5             | 4-5               | 4-5      | 4-5      |
| 橄榄绿B<br>C.I.Vat Green 3              |               | 6-7                 | 4-5                | 4-5                       | 3-4                   | 4-5                 | 4-5      | 4-5             | 4-5      | 4-5            | 4-5                      | 3-4             | 4Y                | 4Y       | 4        |
| 橄榄T<br>C.I.Vat Black 25              |               | 7                   | 4                  | 4-5                       | 4                     | 4-5                 | 4-5      | 4-5             | 4-5      | 4-5            | 4                        | 3               | 4Y                | 4-5      | 4-5      |
| 棕BR<br>C.I.Vat Brown 1               |               | 6-7                 | 4L                 | 4-5                       | 4                     | 4                   | 4-5      | 4-5             | 4-5      | 4-5            | 4-5                      | 3               | 4-5               | 4G       | 5        |
| 直接黑RB<br>C.I.Vat Black 9             |               | 7                   | 3~4B               | 4-5                       | 4                     | 4-5                 | 4        | 4-5             | 4        | 4-5            | 4-5                      | 3               | 4-5               | 4-5      | 4-5      |

| DIRECT DYES                 |               | C.I.No. | Dyeing Depth (owf%) | Fastness         |                 |                 | Rubbing |     |
|-----------------------------|---------------|---------|---------------------|------------------|-----------------|-----------------|---------|-----|
| 染料名称<br>Name of Products    | 色样<br>Pattern |         |                     | Light<br>(Xenon) | Washing<br>40°C | Hot<br>Pressing | Dry     | Wet |
| 黄D-RL 100%<br>Yellow D-RL   |               | Y-86    | 1.1                 | 6                | 2-3             | 4               | 4-5     | 3   |
| 黄PG 100%<br>Yellow PG       |               | Y-142   | 1.0                 | 4-5              | 3-4             | 4               | 4       | 3   |
| 橙2GL 200%<br>Orange 2GL     |               | O-39    | 1.0                 | 6-7              | 4               | 3               | 4-5     | 3-4 |
| 大红4BS 100%<br>Scarlet 4BS   |               | R-23    | 2.0                 | 2-3              | 3               | 4-5             | 3       | 2   |
| 红F2G 100%<br>Red F2G        |               | R-224   | 2.2                 | 3-4              | 4-5             | 4-5             | 3-4     | 3   |
| 红BWS 100%<br>Red BWS        |               | R-243   | 2.0                 | 5                | 4-5             | 4               | 3-4     | 3   |
| 玫红FR 100%<br>Rose FR        |               | R-227   | 2.2                 | 3                | 4-5             | 4-5             | 4       | 3   |
| 紫5BL 100%<br>Violet 5BL     |               | V-66    | 2.2                 | 6-7              | 2               | 4               | 4-5     | 3   |
| 紫BB 100%<br>Violet BB       |               | V-51    | 2.0                 | 4                | 1-2             | -               | 2       | 1-2 |
| 蓝BRL 200%<br>Blue BRL       |               | B-201   | 1.5                 | 5-6              | 2-3             | 4               | 4       | 3   |
| 蓝B2RL 100%<br>Blue B2RL     |               | B-71    | 2.1                 | 5-6              | 3-4             | 3               | 4       | 2-3 |
| 蓝FFRL 100%<br>Blue FFRL     |               | B-108   | 3.0                 | 6                | 4               | 3               | 4-5     | 3   |
| 蓝 2B 100%<br>Copper Blue 2B |               | B-151   | 2.0                 | -                | 5               | 2-3             | 4-5     | 3   |
| 翠蓝FBL 100%<br>Turq.Blue FBL |               | B-199   | 2.2                 | 6-7              | 3               | 3               | 3-4     | 2-3 |



| DIRECT DYES               |                                                                                   | C.I. No. | Dyeing Depth (owf %) | Fastness         |                 |                 | Rubbing |     |
|---------------------------|-----------------------------------------------------------------------------------|----------|----------------------|------------------|-----------------|-----------------|---------|-----|
| 染料名称<br>Name of Products  | 色样<br>Pattern                                                                     |          |                      | Light<br>(Xenon) | Washing<br>40°C | Hot<br>Pressing | Dry     | Wet |
| 棕AGL 100%<br>Brown AGL    |  | Br-115   | 2.0                  | 6                | 2               | 3-4             | 3-4     | 3   |
| 黑VSF 600<br>Black VSF 600 |  | BI-22    | 4.5                  | 6                | 4-5             | 2-3             | 4-5     | 3   |
| 灰LBN 200%<br>Grey LBN     |  | BI-56    | 1.5                  | 4                | 3               | 4               | 4-5     | 3   |

| ACID DYES                   |                                                                                     | C.I. NO. | Dyeing Depth<br>owf % | Fastness   |       |                   |                   |                        |                          |                      |
|-----------------------------|-------------------------------------------------------------------------------------|----------|-----------------------|------------|-------|-------------------|-------------------|------------------------|--------------------------|----------------------|
| 染料名称<br>Name of Products    | 色样<br>Pattern                                                                       |          |                       | Solubility | Light | Washing           | Water             | Perspiration<br>(Acid) | Perspiration<br>(Alkali) | Chlorinated<br>Water |
| 黄NS 220%<br>Yellow NS       |  | Y-23     | 1.0                   | 20         | 3     | 4-5<br>4-5<br>4-5 | 4-5<br>4-5<br>4-5 | 4-5<br>4-5<br>4-5      | 4<br>4<br>4              | 3                    |
| 金黄G 100%<br>Golden Yellow G |  | Y-36     | 1.0                   | 20         | 3     | 4<br>3-4<br>4     | 4-5<br>2-3<br>4-5 | 4-5<br>2-3<br>3-4      | 4-5<br>2-3<br>3-4        | 4                    |
| 黄L-GR 200%<br>Yellow L-GR   |  | Y-49     | 1.0                   | 70         | 6     | 5<br>5<br>4-5     | 4-5<br>4-5<br>4-5 | 4-5<br>3-4<br>3-4      | 4-5<br>1-2               | 4-5                  |
| 黄II 100%<br>Orange M-II     |  | O-7      | 1.0                   | 40         | 4     | 3<br>3-4<br>3-4   | 4-5<br>3<br>1-2   | 4-5<br>3<br>1-2        | 4-5<br>2-3<br>2          | 4                    |
| 红B 400%<br>Rhodamine B      |  | R-52     | 1.0                   | 100        | 3     | 3<br>4-5<br>4     | 4<br>3<br>2       | 4<br>2-3<br>2          | 3<br>2<br>2              | 1-2                  |
| 红M-B 125%<br>Red M-B        |  | R-249    | 1.0                   | 50         | 5     | 4<br>5<br>5       | 5<br>5<br>5       | 5<br>5<br>5            | 4-5<br>4<br>3-4          | 4-5                  |

| ACID DYES                             |                                                                                       | C.I. NO. | Dyeing Depth<br>owf % | Fastness   |       |                 |                   |                        |                          |                      |            |
|---------------------------------------|---------------------------------------------------------------------------------------|----------|-----------------------|------------|-------|-----------------|-------------------|------------------------|--------------------------|----------------------|------------|
| 染料名称<br>Name of Products              | 色样<br>Pattern                                                                         |          |                       | Solubility | Light | Washing         | Water             | Perspiration<br>(Acid) | Perspiration<br>(Alkali) | Chlorinated<br>Water | Rubbing    |
| 红L-2GN 200%<br>Red L-2GN              |    | R-337    | 1.0                   | 30         | 6     | 4<br>4-5<br>3-4 | 5<br>5<br>5       | 4-5<br>4-5<br>4-5      | 4-5<br>4<br>3            | 4-5                  | 5<br>5     |
| 紫M-NFBL 180%<br>Violet M-NFBL         |    | V-48     | 1.0                   | 100        | 6     | 4<br>5<br>5     | 4-5<br>4-5<br>3-4 | 4-5<br>4-5<br>4        | 4-5<br>4<br>3-4          | 2                    | 5<br>5     |
| 艳蓝 L-FCF 200%<br>Brilliant Blue L-FCF |    | B-9      | 1.0                   | 240        | 3     | 4<br>5<br>5     | 4-5<br>3-4<br>3   | 4-5<br>3<br>2-3        | 4-5<br>3<br>3            | 1                    | 5<br>5     |
| 蓝L-BRN 200%<br>Blue L-BRN             |    | B-62     | 1.0                   | 80         | 6     | 4-5<br>4-5<br>3 | 5<br>5<br>4-5     | 4-5<br>4<br>3-4        | 4-5<br>4<br>2            | 1-2                  | 5<br>5     |
| 蓝M-RAWL 150%<br>Blue M-RAWL           |    | B-80     | 1.0                   | 80         | 6     | 4<br>5<br>5     | 4-5<br>4<br>2-3   | 4-5<br>4<br>3-4        | 4-5<br>3<br>3            | 1-2                  | 5<br>5     |
| 艳蓝M-6B 350%<br>Brilliant Blue M-6B    |    | B-83     | 1.0                   | 80         | 3     | 4-5<br>5<br>5   | 4-5<br>4<br>4     | 4<br>3-4<br>3          | 4-5<br>4<br>4            | 2-3                  | 4-5<br>4-5 |
| 蓝M-5R 120%<br>Blue M-5R               |    | B-113    | 1.0                   | 60         | 5-6   | 4<br>5<br>5     | 5<br>5<br>5       | 5<br>5<br>5            | 4-5<br>5<br>4-5          | 2                    | 5<br>5     |
| 翠蓝M-8G 100%<br>Turq. Blue M-8G        |  | B-185    | 1.0                   | 50         | 5     | 3<br>5<br>4-5   | 3-4<br>5<br>4-5   | 3-4<br>5<br>4-5        | 3-4<br>4-5<br>4-5        | 2                    | 5<br>5     |
| 藏青D-MTR 100%<br>Navy Blue D-MTR       |  | B-193    | 1.0                   | 100        | 7     | 4-5<br>5<br>5   | 4<br>5<br>5       | 4-5<br>5<br>4-5        | 4-5<br>5<br>4-5          | 3                    | 5<br>5     |
| 蓝M-2R 200%<br>Blue M-2R               |  | B-225    | 1.0                   | 90         | 6     | 4-5<br>5<br>4   | 4-5<br>4<br>3-4   | 4<br>5<br>3-4          | 4-5<br>4-5<br>3-4        | 2                    | 4-5<br>4   |
| 蓝M-RL 200%<br>Blue M-RL               |  | B-260    | 1.0                   | 80         | 5-6   | 5<br>5<br>3-4   | 5<br>5<br>5       | 5<br>5<br>5            | 4-5<br>4-4<br>3-4        | 3-4                  | 5<br>5     |
| 蓝L-BRLL 200%<br>Blue L-BRLL           |  | B-324    | 1.0                   | 30         | 6     | 4<br>4<br>3     | 5<br>5<br>5       | 5<br>4-5<br>4-5        | 4-5<br>1-4<br>2-3        | 2-3                  | 5<br>4-5   |
| 黑D-MRSL 140%<br>Black D-MRSL          |  | BI-194   | 4.0                   | 100        | 5     | 4-5<br>4-5<br>4 | 4-5<br>4-5<br>4-5 | 4<br>4<br>3-4          | 4-5<br>4-5<br>4-5        | 4                    | 4-5<br>4-5 |
| 黑NB 100%<br>Black NB                  |  | BI-2     | 4.0                   | 40         | 5     | 4-5<br>4<br>4   | 4<br>4<br>4       | 4-5<br>4-5<br>4        | 4-5<br>4-5<br>4          | 4                    | 4-5<br>4-5 |