

# POLYMO COLOR

## Pigments

"POLYMO Color" is high quality water-dispersible pigment which is uniformly dispersed at high concentration.

Substrate

Satin cotton

Dyeing method

Printing Method

| Name of dyestuff |                  | Color sample                                                                        | Light Fastness<br>(Carbon 20h) |            | Washing<br>(A-4) | Dry cleaning<br>(Exxsol D40) | Discharge<br>resistance<br>(Rongalite) | Discharge<br>resistance<br>(tin(II)<br>chloride)<br>(SnCl <sub>2</sub> ) | Heat-resistant<br>(200°C) |
|------------------|------------------|-------------------------------------------------------------------------------------|--------------------------------|------------|------------------|------------------------------|----------------------------------------|--------------------------------------------------------------------------|---------------------------|
|                  |                  |                                                                                     | Deep shade                     | Pale shade |                  |                              |                                        |                                                                          |                           |
| 1                | Yellow FF3G      |    | 7-8                            | 6-7        | 5                | 4                            | 5                                      | 5                                                                        | 4-5                       |
| 2                | Yellow FG-EX     |    | 7                              | 5          | 5                | 4                            | 5                                      | 5                                                                        | 4                         |
| 3                | Yellow FF2R CONC |    | 7-8                            | 7-8        | 5                | 4                            | 5                                      | 5                                                                        | 4-5                       |
| 4                | Orange GR        |   | 6                              | 4          | 5                | 4                            | 5                                      | 5                                                                        | 3-4                       |
| 5                | Red FFG-N        |  | 5-6                            | 5          | 5                | 4                            | 3-4                                    | 3                                                                        | 3-4                       |
| 6                | Red FFTGK-2      |  | 8                              | 7          | 5                | 5                            | 5                                      | 5                                                                        | 4-5                       |
| 7                | Red FTR          |  | 6-7                            | 5          | 5                | 4                            | 3-4                                    | 3                                                                        | 3-4                       |
| 8                | Red FB           |  | 7-8                            | 5-6        | 5                | 4                            | 4                                      | 4                                                                        | 4                         |
| 9                | Red R NEW        |  | 6                              | 5          | 5                | 4                            | 2                                      | 2                                                                        | 4                         |
| 10               | Red FFB          |  | 6                              | 5          | 5                | 4                            | 4                                      | 4                                                                        | 4                         |
| 11               | Rose FBL         |  | 7                              | 4-5        | 5                | 4                            | 3                                      | 3                                                                        | 3-4                       |
| 12               | Brown FG         |  | 5-6                            | 3-4        | 5                | 4                            | 2-3                                    | 2-3                                                                      | 3                         |
| 13               | Brown GR-A       |  | 5-6                            | 3-4        | 5                | 4                            | 2                                      | 2                                                                        | 3                         |
| 14               | Brown FR         |  | 5-6                            | 3-4        | 5                | 4                            | 2                                      | 2                                                                        | 3                         |
| 15               | Violet FWT       |  | 8                              | 7-8        | 5                | 4                            | 5                                      | 5                                                                        | 4-5                       |

|    |                |                                                                                   |     |     |   |     |     |   |     |
|----|----------------|-----------------------------------------------------------------------------------|-----|-----|---|-----|-----|---|-----|
| 16 | Blue FFG       |   | 7-8 | 6-7 | 5 | 4   | 5   | 5 | 4   |
| 17 | Blue R         |  | 7-8 | 6-7 | 5 | 4   | 4-5 | 5 | 4   |
| 18 | Navy Blue R    |  | 8   | 7-8 | 5 | 4-5 | 5   | 5 | 4   |
| 19 | Navy Blue B    |  | 8   | 7-8 | 5 | 4-5 | 5   | 5 | 4   |
| 20 | Sky Blue FF2GR |  | 8   | 7-8 | 5 | 4   | 5   | 5 | 4-5 |
| 21 | Sky Blue H     |  | 8   | 7-8 | 5 | 4   | 5   | 5 | 4   |
| 22 | Green FBH      |  | 8   | 7-8 | 5 | 4   | 4   | 5 | 4   |
| 23 | Grey G         |  | 8   | 7-8 | 5 | 4-5 | 5   | 5 | 5   |
| 24 | Black FB       |  | 8   | 8   | 5 | 5   | 5   | 5 | 5   |

Test Method

Light Fastness  
(Carbon 20h)

: JIS L 0842-1996 Carbon Arc 20h

Washing (A-4)

: JIS L 0844-1997 A-4 method

Dry cleaning

: JIS L 0860-1996 EXXSOL D40 use

Discharge resistance  
(Rongalite)

: Discharge test (Rongalit C 10%)

Discharge resistance  
(tin(II) chloride)

: Discharge test (tin(II) chloride 8%)

Heat-resistant(200℃)

: 200℃×30sec

Notice: Please note that depending on your environment, there are some items and colors that can not be accurately displayed nor printed.