SHADES OF EXCELLENCE WITH VAT DYES

VIPUL DYE CHEM LTD.
Infinite possiblities ***
ISO : 9001:2008 CERTIFIED COMPANY
102, Andheri Industrial Estate, off. Veera Desai Road,
Andheri (West), Mumbai - 400 053, India
T: +91 2266139999 |F: +91 2266139977
E: info@vipuldyes.com | w: www.vipuldyes.com

| 0.5\% | $3 \%$ | SUNVAT |
| :---: | :---: | :---: |
|  |  | Yellow GCN <br> (Yellow 2) |
|  |  | Golden Yellow RK (Orange 1) |
|  |  | Golden Yellow GK <br> (Orange 4) |
|  |  | Orange GR <br> (Orange 7) |
|  |  | Pink R <br> (Red 1) |
|  |  | Red 6B <br> (Red 13) |
|  |  | Brill. Violet RR (Violet 1) |
|  |  | Magenta B <br> (Violet 3) |
|  |  | Blue RSN <br> (Blue 4) |
|  |  | Blue BC <br> (Blue 6) |
|  |  | Dark Blue BO (Blue 20) |


| SUNVAT | General Properties |  |  | Fastness Propertios |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Oning | $\begin{array}{l\|l\|} \hline & \text { Vering } \\ \hline \end{array}$ | $\begin{gathered} \text { Colver } \\ \text { nowe } \\ \text { ve } \end{gathered}$ | 5 | 㫫 |  | $1{ }^{\text {P }}$ | 婁 | 5 S |
| Yellow GCN | $\left\lvert\, \begin{gathered} \mid N D / 1 \\ \text { at } \\ 60^{\circ} \mathrm{C} \end{gathered}\right.$ | $160^{\circ} \mathrm{C}$ | Violet | 4.5 | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | 5 | 4.5 | 4.5 |
| Golden <br> Yellow RK | $\begin{gathered} \mathrm{Al}^{3} \\ \mathrm{at} \\ 30^{\circ} \mathrm{C} \end{gathered}$ | $50^{\circ} \mathrm{C}$ | Board вaux | 7.00 | 4.5 | $\begin{gathered} 4.5 \\ 4 \end{gathered}$ | 4 | 5 | 4 |
| Golden Yellow GK | $\begin{gathered} \mathrm{A}^{3} \mathrm{a}^{3} \\ \mathrm{at} \\ 30^{\circ} \mathrm{C} \end{gathered}$ | $50^{\circ} \mathrm{C}$ | Board eaux | 7.00 | 0 | 5 | 4 | 4.5 | 4 |
| Orange GR | $\begin{gathered} \mathrm{A}{ }^{3} \\ \mathrm{at} \\ 30^{\circ} \mathrm{C} \end{gathered}$ | $60^{\circ} \mathrm{C}$ | $\begin{aligned} & \text { Board } \\ & \text { eaux } \end{aligned}$ | 6.7 | 5 | 4.5 | 4.5 | 4.5 | 4 |
| Pink R | $\begin{gathered} \mathbb{N D} / 1 / 1 \\ \text { at } \\ 60^{\circ} \mathrm{C} \end{gathered}$ | $80^{\circ} \mathrm{C}$ | Bluish Green | 6.00 | 5 | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | 4 | 4 | 5 |
| Red 6B | $\left\lvert\, \begin{gathered} \mathrm{ND} / 1 \\ \text { at } \\ 60^{\circ} \mathrm{C} \end{gathered}\right.$ | $60^{\circ} \mathrm{C}$ | Bluish Green | $\left\|\begin{array}{c} 5 \\ 6 \\ 6.7 \end{array}\right\|$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | 4 | 5 | 4.5 | 4.5 |
| Brill. <br> Violet RR | $\left\|\begin{array}{c} \mathbb{N D} / 1 \\ \text { at } \\ 60^{\circ} \mathrm{C} \end{array}\right\|$ | $60^{\circ} \mathrm{C}$ | Blue | $\begin{gathered} 4 \\ 6 \\ 6-7 \end{gathered}$ | $\begin{aligned} & 4.5 \\ & 4.5 \end{aligned}$ | $\begin{gathered} 48 \\ 5 \end{gathered}$ | 4.5 | 4.5 | 48 |
| Magenta B | $\left\lvert\, \begin{gathered} \mathbb{N D} / 1 \\ \text { at } \\ 60^{\circ} \mathrm{C} \end{gathered}\right.$ | $60^{\circ} \mathrm{C}$ | Bluish Green | 6.00 | 5 | 4 | 4 | 4 | 4 |
| Blue RSN | $\left\|\begin{array}{c} \mathrm{Al}^{\prime} \\ \text { at } \\ 60^{\circ} \mathrm{C} \end{array}\right\|$ | $60^{\circ} \mathrm{C}$ | Blue | 7.8 | $\begin{aligned} & 4.5 \\ & 4.5 \end{aligned}$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | 45 | 36 | 4.5 |
| Blue BC | $\begin{gathered} \mathrm{A}^{\prime} \\ \text { at } \\ 60^{\circ} \mathrm{C} \end{gathered}$ | $60^{\circ} \mathrm{C}$ | Blue | 7.8 | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | $\begin{aligned} & 4 \\ & 5 \end{aligned}$ | 4.5 | $\begin{gathered} 4.5 \\ Y \end{gathered}$ | 4.4 |
| Dark Blue BO |  | $60^{\circ} \mathrm{C}$ | Blue | $\begin{gathered} 5 \\ 7.8 \\ 7.8 \end{gathered}$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | $\begin{gathered} 4 R \\ 5 \end{gathered}$ | 45 | $\begin{gathered} 4.5 \\ R \end{gathered}$ | 4.5 |


| SUNVAT | General Properies |  |  | Fastness Properties |  |  |  |  |  | 0.5\% | 3\% | SUNVAT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Onem | vemp |  |  | (ixt) | comble |  | 者 | 5 g |  |  |  |
| Jade Green FFB | $\begin{gathered} A^{\prime} O^{\prime} \\ \mathrm{a}^{\circ} \end{gathered}$ | $60^{\circ} \mathrm{C}$ | Blue | 6.7 | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | 4.5 | 45 | 4.5 |  |  | Jade Green FFB (Green 1) |
| Oliv Green B | $\begin{gathered} 1 \mathbb{N O} / 2 \\ \mathrm{at} \\ 60^{\circ} \mathrm{C} \end{gathered}$ | $60^{\circ} \mathrm{C}$ | $\begin{aligned} & \text { Buec } \\ & \text { Black } \end{aligned}$ | $\begin{aligned} & 7 \\ & 8 \\ & 8 \end{aligned}$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | 4.5 | $\begin{gathered} 4.5 \\ Y \end{gathered}$ | 4.5 |  |  | Olive Green B (Green 3) |
| Khakhi 2G | $\left.\begin{gathered} \mid N D / I \\ \text { at } \\ 80^{\circ} \end{gathered} \right\rvert\,$ | $60^{\circ} \mathrm{C}$ | $\begin{aligned} & \text { Blue } \\ & \text { Black } \end{aligned}$ | 7.00 | 4.5 | 45 | 4 | 4 | 4.5 |  |  | Khakhi 2G <br> (Green 8) |
| Olive R | $\begin{aligned} & \mathrm{AO}^{\prime} \\ & \text { at } \\ & 50^{\circ} \mathrm{C} \end{aligned}$ | $50^{\circ} \mathrm{C}$ | $\begin{gathered} \text { Red } \\ \text { Brown } \end{gathered}$ | 7.00 | 45 | $\begin{gathered} 48 \\ 5 \end{gathered}$ | 45 | $\begin{aligned} & 3.4 \\ & y \end{aligned}$ | 4.5 |  |  | Olive R <br> (Black 27) |
| Olive D | $\left\|\begin{array}{c} \mathrm{AO}^{\prime} \\ \mathrm{at} \\ 60^{\circ} \mathrm{C} \end{array}\right\|$ | $60^{\circ} \mathrm{C}$ | Grey | 7.8 | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | 45 | 4.5 | 4 |  |  | Olive D <br> (Black 25) |
| Brown BR | $\begin{gathered} \mathrm{AO}^{2} \\ \text { at } \\ 50^{\circ} \mathrm{C} \end{gathered}$ | $50^{\circ} \mathrm{C}$ | Yellow Brown | 7.8 | $\begin{aligned} & 5 \\ & 5 \end{aligned}$ | $\begin{aligned} & 5 \\ & 5 \end{aligned}$ | 45 | 4.5 | 4.5 |  |  | Brown BR <br> (Brown 1) |
| Brown R | $\begin{gathered} A_{0} 0^{2} \\ \mathrm{at}^{5} \\ 50^{\circ} \mathrm{a} \\ \hline \end{gathered}$ | $50^{\circ} \mathrm{C}$ | $\begin{aligned} & \text { Red } \\ & \text { Brown } \end{aligned}$ | 7.8 | $\begin{aligned} & 5 \\ & 5 \end{aligned}$ | $\begin{gathered} 4.5 \\ 5 \end{gathered}$ | 4.5 | 4.5 | 4.5 |  |  | Brown R <br> (Brown 3) |
| Brown RRD | $\begin{gathered} A 0^{t} \\ a^{\circ} \\ 50^{\circ} \mathrm{C} \end{gathered}$ | $50^{\circ} \mathrm{C}$ | $\begin{aligned} & \text { Yellow } \\ & \text { Brown } \end{aligned}$ | 7.8 | 5 | 4.5 | 4.5 | 45 | 4 |  |  | Brown RRD <br> (Brown 5) |
| Grey 3B | $\begin{aligned} & A Q^{\prime} \\ & \text { at } \\ & 50^{\circ} \mathrm{C} \end{aligned}$ | $50^{\circ} \mathrm{C}$ | Violet | 6.7 | $\begin{aligned} & 4 \\ & 5 \end{aligned}$ | $\begin{aligned} & 4 R \\ & 4 \end{aligned}$ | 4.5 | 4.5 | 4.5 |  |  | Grey 3B <br> (Black 16) |
| Black CH | $\begin{gathered} \mathrm{A}^{0} 0^{\prime} \\ 7^{\circ} \\ 70^{\circ} \end{gathered}$ | $60^{\circ} \mathrm{C}$ | $\begin{aligned} & \text { Dull } \\ & \text { Blue } \end{aligned}$ | 7.8 | 4.5 | $4$ | 5 | 4.5 | 4.5 |  |  | Black CH |
| Black BB | $\left\lvert\, \begin{gathered} A 0^{\prime} \\ \mathrm{at}^{\circ} \\ 80^{\circ} \mathrm{C} \end{gathered}\right.$ | $60^{\circ} \mathrm{C}$ | $\begin{aligned} & \text { Dull } \\ & \text { Blue } \end{aligned}$ | 8.00 | 4.5 | $\begin{aligned} & 4 \\ & 4 \end{aligned}$ | 4.5 | 4.5 | 4.5 |  |  | Black BB <br> (Green 9) |

