

COLORFAST® VIOLET BL

VT2305W

Technical Datasheet



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|--|--|---------------|-----|
| | Chemical Type: Dioxazine CI Generic Name: Pigment Violet 23 CI Constitution #: 51319 | | |
| Description | COLORFAST® Violet BL VT2305W is a blue shade dioxazine pigment, with high color strength, high gloss & transparency, excellent overall print fastness properties and steam & boiling resistance. Recommended for aqueous system. | | |
| Recommendations | COLORFAST® Violet BL VT2305W is used and recommended for following applications: Major Use: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Liquid Inks – WB Flexo <input checked="" type="checkbox"/> Coating - WB & SB <input checked="" type="checkbox"/> UV Curing Inks - Offset <input checked="" type="checkbox"/> UV Curing Inks - Flexo <input checked="" type="checkbox"/> Dispersion - WB & SB <input checked="" type="checkbox"/> Textile Printing Paste Others: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Liquid Inks - SB Gavure | | |
| Product Form | Provided as Dry Color Powder | | |
| Physical Properties | Specific Gravity (g/cm³) | 1.50 | |
| | Bulking Value (l/kg) | 75 | |
| | Specific Surface Area (m³/g) | 99 | |
| | Oil Absorption | 35-45 | |
| | pH-value | 5.5-6.5 | |
| Fastness Properties on Gravure Prints | Lightfastness | 10% | 5% |
| | On Paper | 6-7 | 6-7 |
| Heat Stability | 10 min | 30 min | |
| | 200 °C | 200°C | |
| Chemical Resistance | Alkali | Acid | |
| | 5 | 5 | |

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|------------------------------|--|--------|-------------------------------------|-----------|
| Bleed Resistance | Water | 5 | Xylene | 5 |
| | Ethanol | 5 | Ethyl Acetate | 4 |
| | Linseed Oil | 5 | DOP | / |
| | Paraffin Wax | 5 | MEK | 1 |
| | Methanol | 5 | White Spirit | / |
| Shipping, Handling & Storage | Specific details of bag and packaging sizes can be obtained on request. COLORFAST® Violet BL VT2305W is supplied in powder form, there is no limit to the time the product can be stored as long as storage is under normal temperatures, dry and protected from weather. | | | |
| Technical Service | Advice and assistance in your lab and plant tests to achieve optimum results with our product can be given by Violetech representatives. | | | |
| Regulatory Compliance | CONEG | | <input checked="" type="checkbox"/> | Compliant |
| | EURO Toy Norm EN71.3-2013 | | <input checked="" type="checkbox"/> | Compliant |
| | USA: ASTM-toys | | <input checked="" type="checkbox"/> | Compliant |
| | ETAD Criteria: AP89 (1) | | <input checked="" type="checkbox"/> | Compliant |
| | Japan: JHPA List | | <input checked="" type="checkbox"/> | Compliant |
| | Japan: JOHSPA | | <input checked="" type="checkbox"/> | Compliant |
| | China: GB9685-2008 | | <input checked="" type="checkbox"/> | Compliant |
| | France | | <input checked="" type="checkbox"/> | Compliant |
| | Germany: BfR IX | | <input checked="" type="checkbox"/> | Compliant |
| | Italy: Decreto 21/3/73 | | <input checked="" type="checkbox"/> | Compliant |
| | Can be used in compliance with the listed regulations, but some restrictions have to be considered: Not applicable. | | | |
| | Can be used in compliance with the listed regulations without any formal guarantee as the product is not analyzed on a regular basis. Based upon our experience and knowledge however, the purity requirements are fulfilled. We recommend the product is tested, please direct your request to us: Not applicable. | | | |
| | For “sensitive applications” governed by regulations which are not listed above, please ask us directly regarding the suitability of the product. PCB: less than 25mg/kg. | | | |
| Worldwide Registrations | Europe | EINECS | S.Korea | ECL, TCCA |
| | Australia | AICS | Philippines | PICCS |
| | Canada | DSL | Switzerland | BAG |
| | China | IECSEC | USA | TSCA |

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|--|-----------------|-------|--------------------|------|
| | Japan | ENCS | Turkey | CICR |
| | Malaysia | EHSNR | New Zealand | HSNO |

| Tel | Email | Website |
|------------------------|---|-------------------|
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| Location | | |
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| Ningxia Factory | North Datang Huagong Road, Pingluo Fine Chemical Industry Zone, Ningxia, China 753400 | |
| Shanxi Factory | South Ring Road, Fenglingdu Economic Development Zone, Ruicheng, Yuncheng, Shanxi, China 044602 | |