

# COLORFAST® VIOLET BL

## VT2311S

### Technical Datasheet



	<b>Chemical Type:</b> Dioxazine <b>CI Generic Name:</b> Pigment Violet 23 <b>CI Constitution #:</b> 51319		
<b>Description</b>	<b>COLORFAST® Violet BL VT2311S</b> is a brilliant blue shade dioxazine pigment with very high color strength, very high gloss & transparency. Surface treated to ensure excellent rheology, high dispersibility and flocculation stability in solvent based resin systems. It also has the lowest effect on ink millbase viscosity within PV23 product class, which significantly increase the production efficiency of ink formulating. Highly recommended for liquid packaging ink & UV flexo inks.		
<b>Recommendations</b>	<b>COLORFAST® Violet BL VT2311S</b> is used and recommended for following applications:  <b>Major Use:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Liquid Inks-SB gravure</li> <li><input checked="" type="checkbox"/> Liquid Inks-WB gravure</li> <li><input checked="" type="checkbox"/> UV Curing Inks-Offset</li> <li><input checked="" type="checkbox"/> UV Curing Inks-Flexo</li> <li><input checked="" type="checkbox"/> Metal Deco Inks</li> </ul> <b>Others:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Sheet Offset Inks</li> </ul>		
<b>Product Form</b>	Provided as <b>Dry Color Powder</b>		
<b>Physical Properties</b>	<b>Specific Gravity (g/cm³)</b>	1.60	
	<b>Bulking Value (l/kg)</b>	75	
	<b>Specific Surface Area ( m²/g)</b>	61	
	<b>Oil Absorption</b>	35-45	
	<b>pH-value</b>	5.5-6.5	
<b>Fastness Properties on Gravure Prints</b>	<b>Lightfastness</b>	10%	5%
	<b>On Paper</b>	6-7	6-7
<b>Heat Stability</b>	<b>10 min</b>	<b>30 min</b>	
	200 °C	200°C	

Chemical Resistance	Alkali		Acid	
	5		5	
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. <b>COLORFAST® Violet BL VT2311S</b> 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: <b>Not applicable.</b>			
	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: <b>Not applicable.</b>			
	For "sensitive applications" governed by regulations which are not listed above, please ask us directly regarding the suitability of the product. <b>PCB: less than 25mg/kg.</b>			
Worldwide Registrations	Europe	EINECS	S.Korea	ECL, TCCA
	Australia	AICS	Philippines	PICCS

	<b>Canada</b>	DSL	<b>Switzerland</b>	BAG
	<b>China</b>	IECSEC	<b>USA</b>	TSCA
	<b>Japan</b>	ENCS	<b>Turkey</b>	CICR
	<b>Malaysia</b>	EHSNR	<b>New Zealand</b>	HSNO

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