

COLORPLAS® VIOLET BL

VT2331P

Technical Datasheet



	Chemical Type: Dioxazine				
	CI Generic Name: Pigment Violet 23				
	CI Constitution #: 51319				
Description	COLORPLAS® Violet BL VT2331P is a type of blue shade dioxazine pigment specifically designed for high-end plastics applications. Similar to our old product VT2321P, VT2331P has good heat stability and excellent overall fastness properties. It is surface treated to ensure high dispersibility and low warping in HDPE molding. As an updated version of VT2321P, VT2331P is highly transparent and allows for even better color strength. VT2331P is suitable for PE, PP, PVC, fiber, and powder coating.				
Recommendations	COLORPLAS® Violet BL VT2332P is used and recommended for following applications:				
	Major Use:	<input checked="" type="checkbox"/> PP	<input checked="" type="checkbox"/> PE		
		<input checked="" type="checkbox"/> PVC	<input checked="" type="checkbox"/> PS/SAN		
		<input checked="" type="checkbox"/> Rubber/TPV	<input checked="" type="checkbox"/> TPO		
		<input checked="" type="checkbox"/> SBC	<input checked="" type="checkbox"/> PAN Fiber		
		<input checked="" type="checkbox"/> PA6 Fiber	<input checked="" type="checkbox"/> PP Fiber		
		<input checked="" type="checkbox"/> Powder Coating			
	Others:	<input checked="" type="checkbox"/> PA6	<input checked="" type="checkbox"/> TPU		
Product Form	Provided as Dry Color Powder				
Basic Properties	Specific Gravity (g/cm³)	1.70			
	Bulking Value (l/kg)	75			
	Tinting Strength (%)	100±3			
	Oil Absorption	45-50			
	Max Conductivity (us/cm)	400			
	Water Soluble Salt (g/100g)	1.5			
	Max Moisture (%)	1.5			
	pH-value	6.5-7.5			
Fastness Properties	Applications	PE	PP	PVC	PS

	Heat (°C)	260	240	--	250
	Light-Full Shade	8	8	8	7-8
	Light-Reduced Shade	7-8	8	8	6-7
Chemical Resistance	Alkali		Acid		
	5		5		
Other Technical Info	Low/No Warping		Suitable		
	Cable Sheathing		Suitable		
	Fastness to Bleeding in PVC		4		
	Filter Pressure Value		<2.0		
Shipping, Handling & Storage	Specific details of bag and packaging sizes can be obtained on request. COLORPLAS® Violet BL VT2331P 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: Brochure 1227		<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: <i>Not applicable.</i>				
	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: <i>Not applicable.</i>				
	For “sensitive applications” governed by regulations which are not listed above, please ask us directly regarding the suitability of the product. <i>PCB: less than 25mg/kg.</i>				
Worldwide	Europe	EINECS	S.Korea	ECL, TCCA	

Registrations	Australia	AICS	Philippines	PICCS
	Canada	DSL	Switzerland	BAG
	China	IECSEC	USA	TSCA
	Japan	ENCS	Turkey	CICR
	Malaysia	EHSNR	New Zealand	HSNO

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