

COLORPLAS® VIOLET BL VT2321P

Technical Datasheet



	Chemical Type:		Dioxazine		
	CI Generic Name:		Pigment Violet 23		
	CI Constitution #:		51319		
Description	COLORPLAS® Violet BL VT2321P is blue shade dioxazine pigment with good heat stability and excellent overall fastness properties. Specifically designed for plastics applications, It is surface treated to ensure high dispersibility and low warping in HDPE molding. Suitable for a wide range of high-end plastics applications, including PE, PP, PVC, and ABS (thin film and fiber).				
Recommendations	COLORPLAS® Violet BL VT2321P 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		
	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 VT2321P 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: 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
	Japan	ENCS	Turkey	CICR
	Malaysia	EHSNR	New Zealand	HSNO

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