

# COLORPLAS® VIOLET RL

## VT2322P

### Technical Datasheet



	<b>Chemical Type:</b>		Dioxazine		
	<b>CI Generic Name:</b>		Pigment Violet 23		
	<b>CI Constitution #:</b>		51319		
<b>Description</b>	<b>COLORPLAS® Violet RL VT2322P</b> is red 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).				
<b>Recommendations</b>	<b>COLORPLAS® Violet RL VT2322P</b> is used and recommended for following applications:				
	<b>Major Use:</b>	<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		
	<b>Others:</b>	<input checked="" type="checkbox"/> PA6	<input checked="" type="checkbox"/> TPU		
<b>Product Form</b>	Provided as <b>Dry Color Powder</b>				
<b>Basic Properties</b>	<b>Specific Gravity (g/cm³)</b>		1.70		
	<b>Bulking Value (l/kg)</b>		75		
	<b>Tinting Strength (%)</b>		100±3		
	<b>Oil Absorption</b>		45-50		
	<b>Max Conductivity (us/cm)</b>		400		
	<b>Water Soluble Salt (g/100g)</b>		1.5		
	<b>Max Moisture (%)</b>		1.5		
	<b>pH-value</b>		6.5-7.5		
<b>Fastness Properties</b>	<b>Applications</b>	<b>PE</b>	<b>PP</b>	<b>PVC</b>	<b>PS</b>
	<b>Heat (°C)</b>	260	240	--	250
	<b>Light-Full Shade</b>	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. <b>COLORPLAS® Violet RL VT2322P</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: 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: <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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