

COLORPERM® VIOLET RL

VT2304W

Technical Datasheet



	Chemical Type: Dioxazine CI Generic Name: Pigment Violet 23 CI Constitution #: 51319	
Description	COLORPERM® Violet RL VT2304W is a brilliant red shade dioxane pigment. Specifically designed for plastics applications, it has excellent overall fastness properties, and very good heat stability. It is surface treated to ensure relatively small particle size for high dispersibility and low warping in HDPE molding.	
Recommendations	COLORPERM® Violet RL VT2304W is used and recommended for following applications: Major Use: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Architectural Coatings <input checked="" type="checkbox"/> Decorative Coatings <input checked="" type="checkbox"/> Industrial Coatings <input checked="" type="checkbox"/> Automotive Paint - OEM Others: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Automotive Paint - Refinish 	
Product Form	Provided as Dry Color Powder	
Physical Properties	Specific Gravity (g/cm³)	1.51
	Bulking Value (l/kg)	75
	Specific Surface Area (m³/g)	99
	Oil Absorption	35-45
	pH-value	5.5-6.5
Technical Data	Tinting Strength (%)	100±3
	Max Moisture (%)	2.0
	Max Conductivity (us/cm)	300
	Sieving Residue 325 mesh	150
	Magnetic Metal Content (ppm)	15
	Viscosity (Mpa's)	30
Heat Stability	10 min	30 min
	200 °C	200°C

Chemical Resistance	Alkali		Acid	
	5		5	
Bleed Resistance	Water	5	Xylene	5
	Ethanol	5	Butyl Acetate	4-5
	Butyl Glycol	4-5	DBP	5
	Paraffin Wax	5	MEK	1
	Butanol	2-3	White Spirit	/
Shipping, Handling & Storage	Specific details of bag and packaging sizes can be obtained on request. COLORPERM® Violet RL VT2304W 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
	Japan	ENCS	Turkey	CICR
	Malaysia	EHSNR	New Zealand	HSNO

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