

COLORFAST® VIOLET RL

VT2310S

Technical Datasheet



	Chemical Type: Dioxazine CI Generic Name: Pigment Violet 23 CI Constitution #: 51319		
Description	COLORFAST® Violet RL VT2310S is a red shade dioxazine pigment, with excellent rheology, very high color strength, gloss & transparency, excellent solvent fastness and steam & boiling resistance. Recommended for SB packaging ink & UV flexo inks.		
Recommendations	COLORFAST® Violet RL VT2310S is used and recommended for following applications: Major Use: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Liquid Inks-SB gravure <input checked="" type="checkbox"/> Liquid Inks-WB gravure <input checked="" type="checkbox"/> UV Curing Inks-Offset <input checked="" type="checkbox"/> UV Curing Inks-Flexo <input checked="" type="checkbox"/> Metal Deco Inks Others: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Sheet Offset Inks 		
Product Form	Provided as Dry Color Powder		
Physical Properties	Specific Gravity (g/cm³)	1.60	
	Bulking Value (l/kg)	90	
	Specific Surface Area (m²/g)	75	
	Oil Absorption	35-45	
	pH-value	5.5-6.5	
Fastness Properties on Gravure Prints	Lightfastness	10%	5%
	On Paper	6-7	6-7
Heat Stability	10 min	30 min	
	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. COLORFAST® Violet RL VT2310S 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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