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Product Name	: Permanent Lake Red - CT(A)	Full Tone
Code No.	: 5301	
Chemical Class	: Monoazo Red - Barium Salt	Tint Tone
Colour Index Name	: Pigment Red 53:1	
Colour Index No.	: 15585:1	
Basic Pigment C.A.S. No.	: 5160-02-1	

GENERAL DESCRIPTION :

Permanent Lake Red CT (A) is a transparent, clean and bright bluish rosinated type of Lake Red pigment, having all round improved pigment properties over conventional PR 53:1 type pigments.

TECHNOLOGICAL CHARACTERISTICS :

Specific Gravity at 20°C	: 1.700	Specific Conductivity	: < 1.0 ms cm ⁻¹
Sieve Residue	: 0.1 % max	Oil Absorption	: 50-55 CC
Moisture Content	: 1.0 % max	Heat Stability	: [°C/10 min]
pH of Water Extract	: 6.0 to 8.0	Water Soluble	: 1% max

FASTNESS CHARACTERISTICS :

CHARACTERISTICS	Printing Inks		Paints		Plastic		New Systems	
	1/1 Depth	1/25 Depth	1/1 Depth	1/25 Depth	1/1 Depth	1/25 Depth	1/1 Depth	1/25 Depth
Light Fastness (1-8 scale)	3	2	-	-	6	2	-	-
Weather Fastness (1-5 scale)	-	-	-	-	-	-	-	-
Heat Stability Celcius	200° C				250° C			
Solvent Fastness (1-5 scale) - General	3		-		-		-	
Soap Fastness (1-5 scale) - Print	1-2		-		-		-	
Fastness to Blend (1-5 scale) - PVC	-		-		4-5		-	
Over Spray Fastness (1-5 scale) - Paint	-		-		-		-	

Key: (1-8 scale) 1 - poor ; 8 - Excellent (1-5 scale) 1 - Poor ; 5 - Excellent

TECHNICAL RECOMMENDATION :

Printing Inks	Plastics	Other Application
Letterpress Inks	PVC (Rigid)	Restricted use in Paint
Offset Inks	PVC (Flexible)	
Flexo Inks	Polyolefins	
Silk Screen Inks	Rubber	
Metal Deco Inks	Plastics Master Batches	

* This technical information is offered for guidance, but without guarantee.


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