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Product Name	: Permanent Red F4R (YN)	Full Tone
Code No.	: 8001	
Chemical Class	: Mono Azo Red - Napthol AS range	Tint Tone
Colour Index Name	: Pigment Red 8	
Colour Index No.	: 12335	
Basic Pigment C.A.S. No.	: 6410-30-6	

GENERAL DESCRIPTION :

Permanent Red F4R (YN) is a light mass tone, yellowish tone soap fast red pigment with all round good fastness properties, particularly suitable for paste ink applications.

TECHNOLOGICAL CHARACTERISTICS :

Specific Gravity at 20°C	: 1.470	Residual Organic Amine	: < 500 ppm
Sieve Residue	: 0.1 % max	Oil Absorption	: 40-45 CC
Moisture Content	: 1.0 % max	Moisture Content	: 1% max
PH of Water Extract	: 6.0 to 8.0	Water Soluble	: 1% max
Specific Conductivity	: < 0.5 ms cm ⁻¹		

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)	5	3	-	-	-	-	6	4
Weather Fastness (1-5 scale)	-	-	-	-	-	-	-	-
Heat Stability Celcius	150°C- 10min		-		-		150°C	
Solvent Fastness (1-5 scale) - General	3-4		-		-		-	
Soap Fastness (1-5 scale) - Print	5		-		-		5	
Fastness to Blend (1-5 scale) - PVC	-		-		-		-	
Over Spray Fastness (1-5 scale) - Paint	-		4		-		-	

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

TECHNICAL RECOMMENDATION :

PRINTING INKS	PAINTS	NEW SYSTEMS
• Letterpress Inks	• Oil Paint	• Textile Emulsion
• Offset Inks	° Industrial Paint	
• Flexo Inks	• Cement & Dry Colours	
• Gravure Inks		
• Metal Deco Inks		
• Silk Screen Inks		

- Suitable ° Restrictedly Suitable

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


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