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TECHNICAL DATA SHEET

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Revision : 02

Product Description

C.I. Generic Name	Pigment Red 104	Trade Name	Unifast Scarlet Chrome
C.I. No.	77605	CAS No.	12656-85-8
Structural Formula	$PbCrO_4 * PbSO_4 * PbMoO_4$	Chemical Name	Lead (Sulfo) Molybdated Chromate

Physical Properties

Specific gravity	6 gm/cm ³
Oil Absorption	22 g/100g (±5 gm)
pH of aqueous extract	6 – 8
Moisture content	Max 1.0%
Residue on sieve (45 µm)	Max 0.5%
Water soluble salts	Max 1.0%
Conductivity	Max. 500 µS

Shade

Mass Tone	Tint Tone

Fastness Properties

Heat stability (5 min)	200 ^o - 220 ^o C
Acid Resistance (1 - 5)	2
Alkali Resistance (1 - 5)	4
Light fastness (1 - 8)	
Full shade	5 - 6
Reduction	5 - 6
Weather fastness (1 - 5)	
Full shade	4 - 5
Reduction	3 - 4
Resistance to Sulphur dioxide (1 - 5)	2
Migration	5

Applications

Alkyd / Stoving	●
Industrial	●
Coil Coating	●
Automotive / Refinish / Road Marking	-
Powder Coating	●
LDPE / HDPE/ PVC	●
PP Mouldings	●
Rubber	●
ABS / GPPS / PET / PC	-

- - Recommended
- o - Limited Use

Note: The colors above have been generated electronically and should therefore not be used for comparison purposes. The colors are meant to give a first impression of the colorant shade.

Information given in this technical data sheet is based on current knowledge and our laboratory evaluation; it is presented as our opinion without any guarantee. Buyers must carry out their own tests and experiments to determine the suitability and completeness of our products for their use and application.

Factory: E-10/2, M.I.D.C. Tarapur, Boisar, Dist. Palghar-401506, Maharashtra (India)