

# MAHAVIR TRADING CO

1, DEVABHAI LALABHAI ESTATE,  
THAKKARBAPANAGAR, AHMEDBAD 382350 INDIA  
Phone: +91-9978274975 & 9825953901  
E-mail : mahavirpigments@gmail.com &  
info@mahavirtradingco.com  
Website: www.mahavirtradingco.com



## TECHNICAL SPECIFICATION OF PIGMENT LAKE RED 53.1

**GENERAL DESCRIPTION :** PIGMENT LAKE RED 53.1 IS MOST OPAQUE OF ALL LAKE RED WITH GOOD STABILTY, FASTNESS TO CHEMICAL AND EXCELLENT DISPERSION CHARACTERISTICS. USEFUL FOR PLASTIC MASTERBATCH & SOLVENT INK.

### PRODUCT DESCRIPTION

NAME: PIGMENT LAKE RED CT RIV	CAS NO. : 5160-02-1
CODE NO. : 5057	EINECS NO: 225-935-3
CI NAME: PIGMENT RED 53.1	CHEMICAL TYPE : MONA AZO RED BARIUM SALT
CI NO. : 15585:1	CHEMICAL CLASS : ORGANIC

### PHYSICAL & CHEMICAL PROPERTY

APPEARANCE : RED POWDER	MOSITUR CONTENT: 0.5% MAX
DENSITY: 1.7	WATER SOLUBLE: 0.5% MAX
pH OF AQUEOUS SOLUTION: 7.0	OIL ABSORPTION : 40
SPECIFIC GRAVITY : 1.48	SIEVE RESIDUE : 0.1% MAX (240 MESH)

### SOLVENT RESISTANCE (1-5 SCALE : 1 – POOR 5 - EXCELLENT)

Water : 3	Acetone : 2
Linseed Oil : 2	Ethanol : 2
Butanol : 2	MEK : 2
Xylene : 2	MTO : 2
Butyl Acetate : 2	5% Soap SOLn : 2
ALKALI RESISTANCE : 3	ACID RESISTANCE : 3

### LIGHT FASTNESS : ( 1 - 8 Scale : 1 very low - 8 Outstanding)

FULL SHADE : 4	REDUCE SHADE : 3
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### HEAT RESISTANCE

A 180 CENTI FOR 20 MIN : STABLE
B 250 CENTI FOR 10 MIN : STABLE
C 280 CENTI FOR 5 MIN : DARKER

### APPLICATION

PLASTIC	MASTER BATCHES, FILMS
INK	SOLVENT BASE INK POLY, VINYL AND OFFSET INK