

Technical Datasheet

Product description

Color Index Pigment Red 53:1
Red 8031-1

Technical properties

Red Lake 8031-1 is a barium salt of azo lake scarlet pigment, specially engineered for inks with high transparency and tinting strength.

Physical Data

Moisture (%) ≤ 2.0
Water Soluble Matter (%) ≤ 2.0
Oil Absorption (ml/100g) 40-50
Electric Conductivity (us/cm) ≤ 500
Fineness (80mesh) % ≤ 5.0
PH Value 7.5-8.5

Fastness Properties (5=excellent, 1=poor)

Acid Resistance 3
Alkali Resistance 3-4
Alcohol Resistance 3
Ester Resistance 3
Benzene Resistance 3
Ketone Resistance 3
Overpainting -
Bleeding Resistance -
Migration Resistance 5
Heat Resistance 170 (for paint & ink)
Light Fastness (8=excellent) 4

Applications: ◎ main use ○ suggest using

INK			Coating		Plastics	
Offset ink	offset ink	○	Industrial Paint		PVC	
	Metal Deco	○	Coil Coating		PO (LDPE, HDPE)	
Gravure Ink	PA	◎	Powder Coating		Fiber	
	CI-PP	○	Water based Deco Paint		PP	
	NC	◎	Solvent based Deco Paint		PS/PC/PA	
	PU	◎	OEM/Refinish Paints		PU	
Flexo Ink	Alcohol base		Textile Printing		Rubber	
	Water base				TPE/TPU/TPO	
Screen Ink					ABS HIPS	
UV Ink		◎			AS	