

Technical Datasheet

Product description

Color Index	Pigment Red 170
C.I. No.	12475
CAS No.	2786-76-7
Chemical Group	Azo



Technical properties

Pigment red 8030 starchem (P.R 170-5RK) is a high-quality red with a slight bluish shade. 8030 is applicable for high performance paints and many plastic and ink formulations.

Physical Data

Moisture (%)	≤1.5
Water Soluble Matter (%)	≤1.5
Oil Absorption (ml/100g)	35-45
Electric Conductivity (us/cm)	≤500
Fineness (120mesh) %	≤5.0
PH Value	6.5-7.5

Fastness Properties (5=excellent, 1=poor)

Acid Resistance	5
Alkali Resistance	4
Alcohol Resistance	4-5
Ester Resistance	4-5
Benzene Resistance	5
Ketone Resistance	3-4
Soap Resistance	5
Bleeding Resistance	4
Migration Resistance	3
Heat Resistance (°C)	260 (for plastic) 200 (paint)
Light Fastness (8=excellent)	7, on paint 6-7

Applications: main use suggest using

INK			Coating		Plastics	
Offset ink	offset ink	<input type="radio"/>	Industrial Paint	<input checked="" type="radio"/>	PVC	
	Metal Deco		Coil Coating	<input checked="" type="radio"/>	PO	<input type="radio"/>
Gravure Ink	PA		Powder Coating	<input checked="" type="radio"/>	Fiber	
	CI-PP		Water based Deco Paint	<input type="radio"/>	PP	<input type="radio"/>
	NC		Solvent based Deco Paint		PS/PC/PA	
	PU		OEM/Refinish Paints	<input type="radio"/>	PU	<input type="radio"/>
Flexo Ink	Alcohol base		Textile Printing	<input type="radio"/>		
	Water base	<input type="radio"/>				
Screen Ink		<input type="radio"/>				

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