



## Technical Data Sheet

**Edition MAR 22 2024**

## PIGMENT RED 112(FGR)

Color Index:	<b>Pigment Red 112</b>		C.I.-NO.	12370
CAS NO.:	6535-46-2		Chemical Group:	Naphthol AS

### Product Description:

Yellowish with opacity red with outstanding fastness.

### Physical & Chemical Properties :

	Unit	Min	Max
Density	[g/cm <sup>3</sup> ]		
pH Value	[pH]	4.5	5.5
Conductivity	[μS/cm]		500
Moisture	[%]		2.5
Color Shade DE:		-1.0	1.0
Colour Strength(Reduction)	[%]	95	105
Water Resistance	1 to 5		4-5
Acid Resistance	1 to 5		5
Alkali Resistance	1 to 5		3-4
Ethanol Resistance	1 to 5		3
EA Resistance	1 to 5		3
Xylene Resistance	1 to 5		3
MEK Resistance	1 to 5		3

### Fastness Properties :

				ink	coating	plastic
Heat Stability		[°C]	170		140	
Light Fastness	Full shade	1 to 8	6		6	
Light Fastness	White Reduction					
Weathering Fastness	Full shade	1 to 5			3-4	
Weathering Fastness	White Reduction					
Overpainting Resistance/ Bleding		1 to 5			2	
Migration Fastness						

### Additional Technical

Oil Absorption (g/100g)				35	88	

**Applications:**                      ☒ main use                      ☐ suggest using

INK			COATINGS		PLASTICS	
offset ink	offset ink	○	Industrial Paint	○	PVC	
	Metal Deco		Coil Coating		PO	
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	◎	PS	
	Water base	◎			LDPE	
Screen Ink		○			HDPE	
UV Ink					TPE/TPU/TPO	
					Rubber	
					ABS HIPS	
					AS	

### Other Applications:

**Safety:**

**Contact us :**

Please contact us for safety and regulatory details or the Safety Data Sheet(SDS)