Pigment Red 170-F3RK (Yellow Undertone)

Version 2026-10-22b · Revision 2026-10-22

C.I. Name	Pigment Red 170	C.I. No.	12475
CAS No.	2786-76-7	Chemical Group	Monoazo

Product Description

Red 170-F3RK is a very strong, yellow shade and semi-transparent Naphthol AS pigment with good overall fastness properties. It is suitable for all applications.

Physical Data

Density (g/cm³)	1.5
Form of supply	Red Powder
Oil absorption (g/100 g)	35~45
Moisture (%)	≤1.0
pH value	6.0~8.0
Light fastness (scale 1–8)	6
Heat stability	240°C / 464°F

Chemical Resistance

Acid	5
Alkali	5
Alcohol	5
Ester	5
Ketone	4
Soap	5
Migration	4~5

Applications

Coatings		Plastics		Inks	
Automotive Coating	●	PVC	●	Offset	–
Industrial Coating	●	PE/PP/PO	●	Solvent based	●
Decorative Coating	●	ABS	●	Water based	●
Coil Coating	●	PS	●	UV / EB	●
Wood Coating	●	PA	●	Inkjet	●
Powder Coating	●	Rubber	●		

● Recommended ○ Limited suitability – Not recommended

Product Specification

Test Property	Specification	Test Method
ΔE	≤1.0	AFTM-P 2.1
Colour strength	100±5%	AFTM-P 2.1

Packaging, Shipping & Storage

Pigment Red 170-F3RK (Yellow Undertone) is supplied as red powder. The product is packed in 25 kg paper bag and shipped on pallets of 500 kg. Store under normal temperatures, dry and protected from weather. Shelf life: 5 years from manufacturing date.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.