



Pigment Red 170 (Benzimidazolone Red F3RK)

CI PR170 | C.I. No. 12475

CAS: 2786-76-7 | Form: Powder | Purity: > 99% | MW: 394.39 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PR170 C.I. No. 12475	Form	Powder
CAS Number	2786-76-7	Purity	> 99%
Molecular Wt.	394.39 g/mol	Shade	Yellowish Red
Chemical Class	Benzimidazolone	Opacity	Opaque

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.40-1.52 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	40-52 g/100g	Heat Resistance	200CC
pH Value	6.5-7.5	Lightfastness	7-8
Moisture/Vol.	<= 1% Max	Weatherfastness	N/A

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

Lightfast. (Mass)	7-8	Acid Fastness	5
Lightfast. (Tint)	N/A	Alkali Fastness	5
Water Fastness	5	Weather (Mass)	N/A
Oil Fastness	5	Weather (Tint)	N/A
Heat Stability	200CC	Standard Pack	10 kg Drums

SECTION 5 - KEY FEATURES & PROPERTIES

- Outstanding lightfastness 7-8 (Blue Wool Scale)
- Excellent heat stability up to 200CC
- Superior weatherfastness for automotive & exterior use
- Excellent bleed & migration resistance
- REACH & RoHS compliant - globally accepted
- Premium benzimidazolone red for high-performance systems

SECTION 6 - RECOMMENDED APPLICATIONS

Automotive OEM Paints	Suitable
Powder Coatings	Suitable
Engineering Plastics	Suitable
Specialty Printing Inks	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	10 kg Drums
Storage	Store in cool, dry, sealed containers below 35CC.
Shelf Life	3 years from date of manufactu
Manufactured By	Kanani Dyes Chem LLP, Gujarat, India
Quality Std.	ISO 9001:2015 ISO 14001:2015 ISO 45001:2018
Compliance	REACH Compliant RoHS Compliant FSSAI Certified

For Samples, Technical Queries & Pricing:

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