

**NOVOPERM RED RT 172 D-IN
BRIGHTER YELLOWISH RED SHADE
ORGANIC PIGMENT FOR PLASTICS**



**BRIGHTER COLORS.
BRIGHTER LIFE.**

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Novoperm Red RT 172D-IN is very strong, brilliant mid-shade red pigment exhibiting high color strength, good dispersibility and good light fastness properties and heat stability in polyolefin. This economical pigment is suitable for injection molding, extrusion, film blowing, EVA footwear and PP fiber applications.

Chemical Group : Naphthol AS
 Colour Index : Pigment Red 170
 Cl. No. : 12475

SPECIAL FEATURES

- Complies with Food Contact Regulation AP(89)1 and RoHS regulation
- Low filter pressure value (less than 2 bar/gram at 15 micron mesh)

COLORATION & TECHNICAL APPLICATION DATA							PHYSICAL & CHEMICAL PROPERTIES	
	PE	PP	PVC	PS	ABS	PC		
SD 1/3 [g/kg]	2.2	2.4	7.8	-	-	-	Density [g/cm ³]	1.44
Hue angle [°]	13.1	17.2	14.8	-	-	-	Bulk density [l/kg]	4.0
Chroma	55.9	56.1	58.6	-	-	-	Average particle size [nm]	307
Light fastness (Full shade)	8	8	7	-	-	-	Alkali resistance	5
Light fastness (Reduction)	7	7-8	7	-	-	-	Acid resistance	5
Heat resistance [°C]	270	260	-	-	-	-	Specific surface [m ² /g]	19
Weathering fastness	3	-	-	-	-	-		
Bleeding fastness	-	-	-	-	-	-		
Range of Applications							Additional Technical Properties	
Suitable	Limited Suitable	Not Suitable						
PO	PVC	Rubber/PUR		Suitable for Low Warping Applications		Suitable		
PP Fiber		PS/ABS/PC/POM		Cable Sheathing		Not suitable		
PAN Fiber		PA/PBT		Fastness to Bleeding in PVC-P		2		
		PET Fiber						
		PA Fiber						

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