

PERMANENT RED LB01-IN
**BLUISH SHADE ORGANIC RED
PIGMENT FOR PLASTICS**



BRIGHTER COLORS.
BRIGHTER LIFE.

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Permanent Red LB01-IN is a bluish red pigment exhibiting high color strength, good dispersibility and fastness properties. This pigment is suitable for injection molding, extrusion, film blowing, EVA footwear and PP fiber applications.

Chemical Group : Mono azo-Calcium Lake
Colour Index : Pigment Red 48:2
Cl. No. : 15865:2

SPECIAL FEATURES

- Complies with RoHS regulation
- Low filter pressure value (less than 2 bar/gram at 15 micron mesh)
- More bright and yellower shade in full tone specially for footwear segment

COLORATION & TECHNICAL APPLICATION DATA							PHYSICAL & CHEMICAL PROPERTIES	
	PE	PP	PVC	PS	ABS	PC		
SD 1/3 [g/kg]	1.2	1.4	5.2	1.3	-	-	Density [g/cm ³]	1.70
Hue angle [°]	359.9	0.4	2.13	58.1	-	-	Bulk density [l/kg]	5.7
Chroma	52	50	56.3	49.6	-	-	Average particle size [nm]	75
Light fastness (Full shade)	6-7	6-7	6	5-6	-	-	Alkali resistance	4
Light fastness (Reduction)	5	5-6	5-6	5	-	-	Acid resistance	4
Heat resistance [°C]	240	240	-	240	-	-	Specific surface [m ² /g]	63
Weathering fastness	-	-	-	-	-	-		
Bleeding fastness	-	-	-	-	-	-		
Range of Applications							Additional Technical Properties	
Suitable	Limited Suitable	Not Suitable						
PO/PVC	PAN Fiber	ABS/PC		Suitable for Low Warping Applications		Suitable		
Rubber/EVA		PA/PBT		Cable Sheathing		Suitable		
PS		PET Fiber		Fastness to Bleeding in PVC-P		5		
PUR		PA Fiber						
PP Fiber								

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