

**GRAPHTOL® RED LY01-IN
YELLOWISH SHADE ORGANIC
RED PIGMENT FOR PLASTICS**



**BRIGHTER COLORS.
BRIGHTER LIFE.**

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Graphtol Red LY01-IN is a yellowish red pigment exhibiting high color strength, good dispersibility and fastness properties. This pigment is suitable for injection molding, extrusion, film blowing, EVA footwear's 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 yellowish shade in full tone specially for footwear segment
- Non-migrating in PVC

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/cm³]	1.69
Hue angle [°]	359.9	0.4	2.1	358.1	-	-	Bulk density [l/kg]	5.7
Chroma	52	50	56.3	49.6	-	-	Average particle size [nm]	82
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 [m²/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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