

GRAPHTOL[®] RED LG-IN
FOR COLORATION OF CONSUMER GOODS,
FOOD PACKAGING, TOYS & PP FIBER



BRIGHTER COLORS.
BRIGHTER LIFE.

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Graphtol Red LG-IN (PR53:1) is economical yellowish shade red classical pigment specially developed to meet the customers demand for Polyolefin application especially in full Shade. Special care is taken for the superior dispersibility for seamless extrusion for Masterbatch production for longer duration. It is suitable for the coloration of consumer goods, food packaging, toys, PP Fiber and not recommended in applications where good light fastness is required.

Chemical Group : β -Naphthol, Ba
 Colour Index : Pigment Red 53:1
 Cl. No. : 15585:1

SPECIAL FEATURES

- Barium controlled version (<100 ppm) of Pigment Red 53:1
- Suitable for food contact applications, consumer goods and toys

COLORATION & TECHNICAL APPLICATION DATA							PHYSICAL & CHEMICAL PROPERTIES	
	PE	PP	PVC	PS	ABS	PC		
SD 1/3 [g/kg]	1.6	1.8	7.1	1.7	1.8	1.7	Density [g/cm ³]	1.86
Hue angle [°]	22.1	23.4	23.8	22.0	22.9	21.5	Bulk density [l/kg]	4.0
Chroma	64.2	64.2	64.0	62.9	57.4	62.2	Average particle size [nm]	104
Light fastness (Full shade)	4	3	3-4	4	3	3	Alkali resistance	5
Light fastness (Reduction)	2-3	2-3	2-3	3-4	2-3	2-3	Acid resistance	5
Heat resistance [°C]	270	270	-	300	260	310	Specific surface [m ² /g]	49
Weathering fastness	-	-	-	-	-	-		
Bleeding fastness	-	-	-	-	-	-		
Range of Applications						Additional Technical Properties		
Suitable		Limited Suitable		Not Suitable				
PO		PUR		POM		Suitable for Low Warping Applications		Suitable
PVC/Rubber/EVA				PA		Cable Sheathing		Not suitable
PS/ABS				PBT		Fastness to Bleeding in PVC-P		4-5
PC				PET Fiber				
PP Fiber				PA Fiber/PAN Fiber				

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