

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



**BRIGHTER COLORS.
BRIGHTER LIFE.**

GRAPHTOL® RED LC-IN

ECONOMICAL YELLOWISH SHADE ORGANIC RED PIGMENT FOR PLASTICS



Graphtol Red LC-IN is an economical yellowish shade red classical pigment specially developed to meet the customers demand for polyolefin application in full shade. Special care is taken for the superior dispersibility for seamless extrusion for masterbatch production for longer duration. This product has moderate light fastness of 4-5 in FT on blue wool scale and weather fastness of 4 on grey scale with heat stability of 250°C in PE. This product is recommended for various polymers like polyolefin (LDPE, LLDPE, HDPE, PP), PVC, EVA, Rubber and ABS polymers.

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

SPECIAL FEATURES

- Complies with RoHS regulation
- Excellent dispersion
- Non-bleeding in water
- Non-migrating, moderate light fastness, low warping and excellent acid and alkali resistant

COLORATION & TECHNICAL APPLICATION DATA							PHYSICAL & CHEMICAL PROPERTIES	
	PE	PP	PVC	PS	ABS	PC		
SD 1/3 [g/kg]	1.7	2.2	7.2	1.7	1.9	1.6	Density [g/cm³]	1.82
Hue angle [°]	21.3	23.2	21.8	25.6	22.0	23.0	Bulk density [l/kg]	6.0
Chroma	64.7	63.7	66.9	62.4	62.7	60.2	Average particle size [nm]	160
Light fastness (Full shade)	4-5	3	3-4	4	3-4	3	Alkali resistance	5
Light fastness (Reduction)	3	2-3	2-3	3-4	3	2-3	Acid resistance	5
Heat resistance [°C]	250	250	-	260	260	280	Specific surface [m²/g]	42
Weathering fastness	4	-	-	-	-	-		
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		PP Fiber/PET Fiber						
		PA Fiber/PAN Fiber						

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency, or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. * Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.

*For sales to customers located within the United States and Canada the following applies in addition
NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR
A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE. 11/2022

™ Trademark, ® Trademark registered in many countries
PI2012 EN | 11.2022

HEUBACH COLORANTS INDIA LIMITED

Formerly Clariant Chemicals (India) Limited

Reliable Tech Park, Off Thane-Belapur Road
Airoli, Navi Mumbai - 400 708, Maharashtra

gagan.saxena@clariant.com / 88601 64951
pinak.chowdhury@clariant.com / 98302 69562
vishakha.nanodkar@clariant.com / 9892345200

www.heubach.com