

TELACOL YELLOW T HGR-IN
**MOST ECONOMICAL HPP
YELLOW PIGMENT**



**BRIGHTER COLORS.
BRIGHTER LIFE.**

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Telacol Yellow T HGR-IN is an economical red-shade yellow pigment with excellent heat stability and resistance properties. It is an ideal replacement for diarylide and lead chromate pigments.

Chemical Group : Mono Azo Pyrazolone,
Ca
Colour Index : Pigment Yellow 191
Cl. No. : 18795

SPECIAL FEATURES

- Complies with US-FDA, AP(89)1, EN71-3, EU 10/2011 and RoHS regulations
- Low filter pressure value (less than 2 bar/gram at 15 micron mesh)
- Excellent flow and dispersion properties in commodity and engineering plastics
- It has outstanding properties like light fastness 7-8 in both FT and RT on blue wool scale and heat stability upto 300°C in PE, PP, PS, ABS and PC
- Applications: MB for food packaging, film, blown bottles, roto-molding, injection molding etc.

COLORATION & TECHNICAL APPLICATION DATA							PHYSICAL & CHEMICAL PROPERTIES	
	PE	PP	PVC	PS	ABS	PC		
SD 1/3 [g/kg]	3.5	3.5	11.7	3.1	3.2	3.5	Density [g/cm³]	1.77
Hue angle [°]	79.6	78.7	78.3	78.5	80.1	82.0	Bulk density [l/kg]	7.8
Chroma	73.8	75.6	76.5	75.8	75.1	74.2	Average particle size [nm]	296
Light fastness (Full shade)	8	7	7	7	7	6	Alkali resistance	5
Light fastness (Reduction)	7	6-7	6	7	7	4-5	Acid resistance	5
Heat resistance [°C]	300	300	-	300	300	300	Specific surface [m²/g]	20
Weathering fastness	-	-	-	-	-	-		
Bleeding fastness	-	-	-	-	-	-		
Range of Applications						Additional Technical Properties		
Suitable	Limited Suitable	Not Suitable						
PO/PVC	POM	PA		Suitable for Low Warping Applications		Suitable		
Rubber/EVA	PAN Fiber	PET Fiber		Cable Sheathing		Suitable		
PS/ABS/PC/PBT		PA Fiber		Fastness to Bleeding in PVC-P		5		
PUR								
PP Fiber								

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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