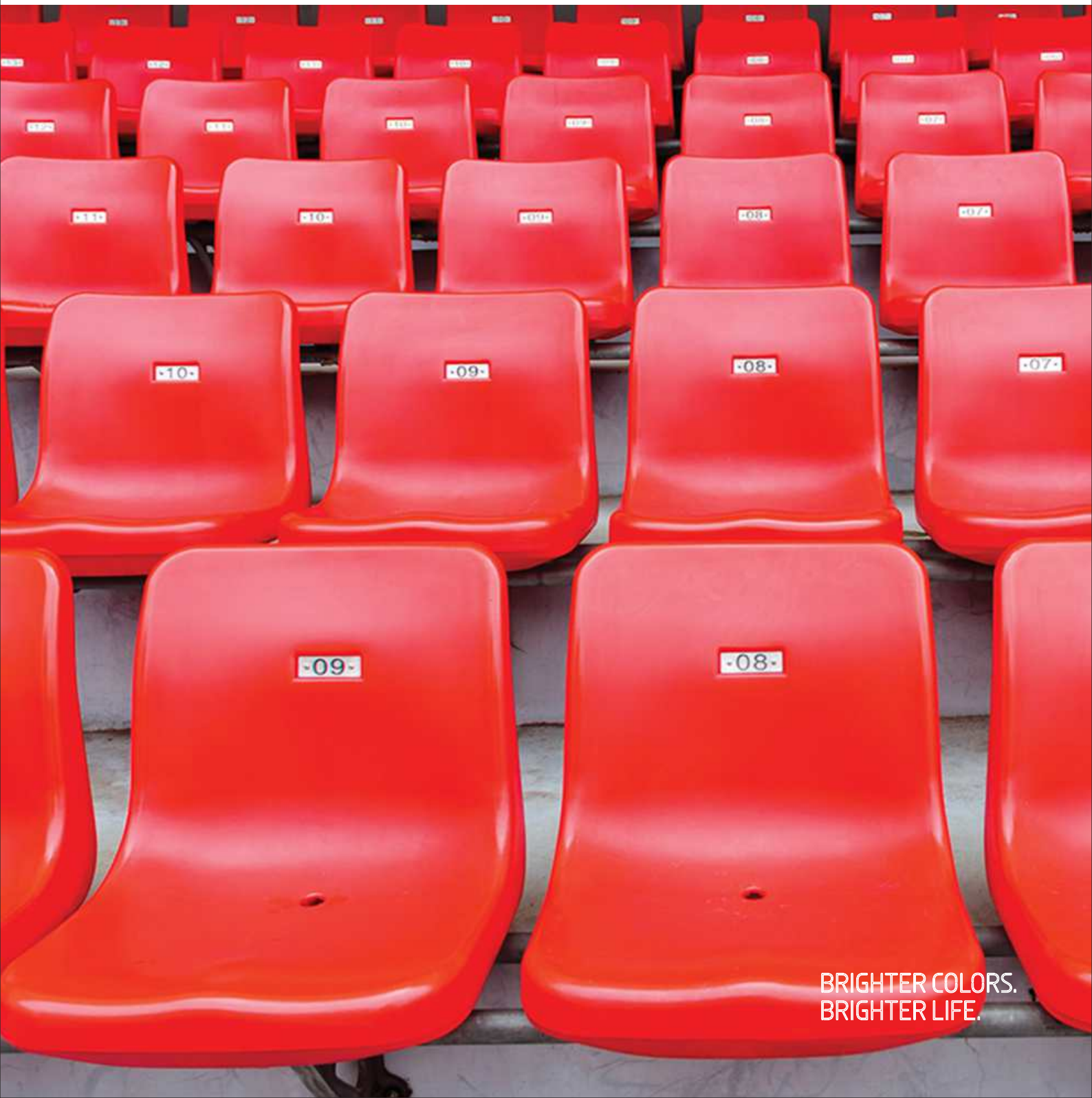


GRAPHTOL® RED D3G-IN  
YELLOWISH RED HIGH PERFORMANCE  
ORGANIC PIGMENT FOR PLASTICS



BRIGHTER COLORS.  
BRIGHTER LIFE.

# GRAPHTOL® RED D3G-IN YELLOWISH RED HIGH PERFORMANCE ORGANIC PIGMENT FOR PLASTICS



Graphtol Red D3G-IN is a yellowish shade HPP pigment with an outstanding fastness and dispersion properties in polyolefin and PVC. This is specially developed to meet the customers demand for fiber and polyolefin application especially in full shade. It is widely used in combination with other classical pigments to get customized mixed shades and also to enhance the physical properties.

Chemical Group : Diketopyrrolopyrrole  
Colour Index : Pigment Red 254  
Cl. No. : 56110

## SPECIAL FEATURES

- Complies with Food Contact Regulation AP(89)1 and RoHS regulation
- Low filter pressure value (less than 2 bar/gram at 15 Micron mesh)
- Non-migrating in P-PVC
- It has outstanding properties like light fastness 8 in both FT and RT on blue wool scale, weather fastness is 5 (on grey scale) and heat stability upto 300°C

COLORATION & TECHNICAL APPLICATION DATA							PHYSICAL & CHEMICAL PROPERTIES	
	PE	PP	PVC	PS	ABS	PC		
<b>SD 1/3 [g/kg]</b>	1.5	1.7	6.2	1.7	2.0	-	<b>Density [g/cm<sup>3</sup>]</b>	1.6
<b>Hue angle [°]</b>	17.8	18.4	17.2	17.4	17.8	-	<b>Bulk density [l/kg]</b>	3.0
<b>Chroma</b>	58.5	58.3	60.1	57.5	58.4	-	<b>Average particle size [nm]</b>	182
<b>Light fastness (Full shade)</b>	8	8	8	8	7-8	-	<b>Alkali resistance</b>	5
<b>Light fastness (Reduction)</b>	8	8	8	8	7-8	-	<b>Acid resistance</b>	5
<b>Heat resistance [°C]</b>	300	300	-	300	270	-	<b>Specific surface [m<sup>2</sup>/g]</b>	27
<b>Weathering fastness</b>	5	-	5	-	-	-		
<b>Bleeding fastness</b>	-	-	-	-	-	-		
<b>Range of Applications</b>							<b>Additional Technical Properties</b>	
Suitable	Limited Suitable	Not Suitable						
PO/PVC	PS/ABS	PC					<b>Suitable for Low Warping Applications</b>	Not suitable
Rubber/EVA	PBT	PA					<b>Cable Sheathing</b>	Limited suitability
POM		PA Fiber/PET Fiber					<b>Fastness to Bleeding in PVC-P</b>	5
PUR		PAN Fiber						
PP Fiber								

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