

## BAYPLAST® Yellow G Gran

<b>Chemical description</b>	monoazo-ca-pigment
<b>Form supplied</b>	low dusting microgranulate
<b>Shade</b>	yellow
<b>1/3 Standard depth</b>	0.37% pigment (determined in PVC-P with 1% TiO <sub>2</sub> )
<b>Density (23 °C)</b>	1.6 g/cm <sup>3</sup>
<b>Bulk density</b>	approx. 0.52 g/cm <sup>3</sup> (according to DIN ISO 787-11)
<b>Migration resistance</b>	5 (determined in plasticized PVC – bleeding, evaluated according to DIN 53775, sheet 3)
<b>Main fields of application</b>	Colouring of polyamide.
<b>Storage stability</b>	60 months from delivery ex plant LANXESS Deutschland GmbH

### Heat stability in °C (approximate figures) (according to DIN EN 12877)

	HD-PE	PP	PS	ABS	PC	PBT	PET	PA 6	PA 6.6
Full shade	300	320	300	280	320	270	280	260	
Reduction with white	300	320	300	280	320	270	280	260	

### Lightfastness (according to DIN EN ISO 4892-2)

	HD-PE	PP	PS	ABS	PC	PBT	PET	PA 6	PA 6.6
Full shade	8	8	8	7-8	8	7	8	8	
Reduction with white	8	8	8	8	6-7	7	8	6-7	

### Materials<sup>1)</sup> and concentrations<sup>2)</sup> used for testing of heat stability and lightfastness:

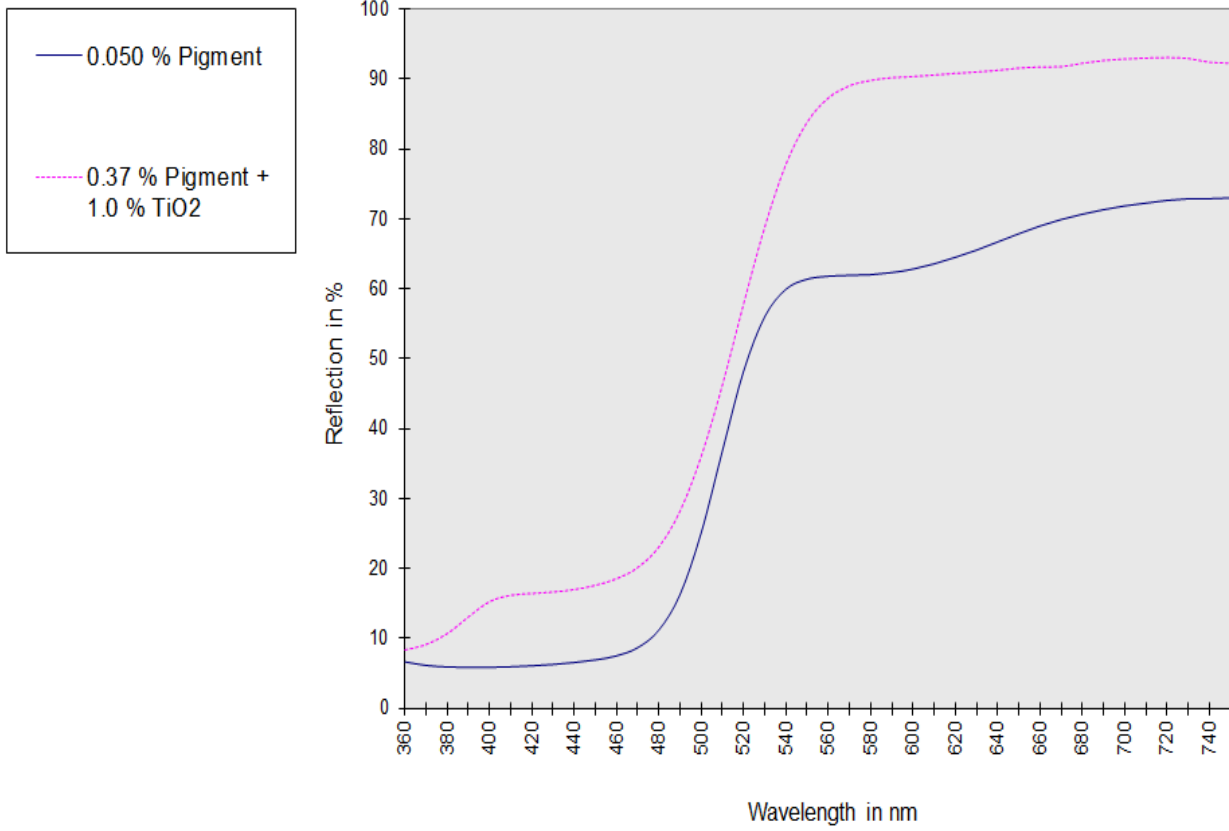
1) HD-PE: Sabic M80063	PBT: LANXESS Pocan B1505
PP: Stanyl P	PET: Voridian 9921 W
PS: BASF Polystyrene 143E	PA 6: LANXESS Durethan B30S
ABS: DOW Magnum 3453	PA 6.6: LANXESS Durethan A30H 1.0
PC: Bayer MaterialScience Makrolon 2800 TiO <sub>2</sub> :	Kerr McGee Tronox R-FK-3

2) 0.1% pigment + 1% TiO<sub>2</sub>  
(ABS 0.2 % pigment + 2% TiO<sub>2</sub>)

The test result were evaluated with the above mentioned conditions and materials. For other poly-mers, polymergrades, TiO<sub>2</sub> grades and pigment concentrations, the results can be different from the values above.



Reflection curve BAYPLAST Yellow G in PP (2 mm thickness)



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