

BAYPLAST® Yellow G Gran

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

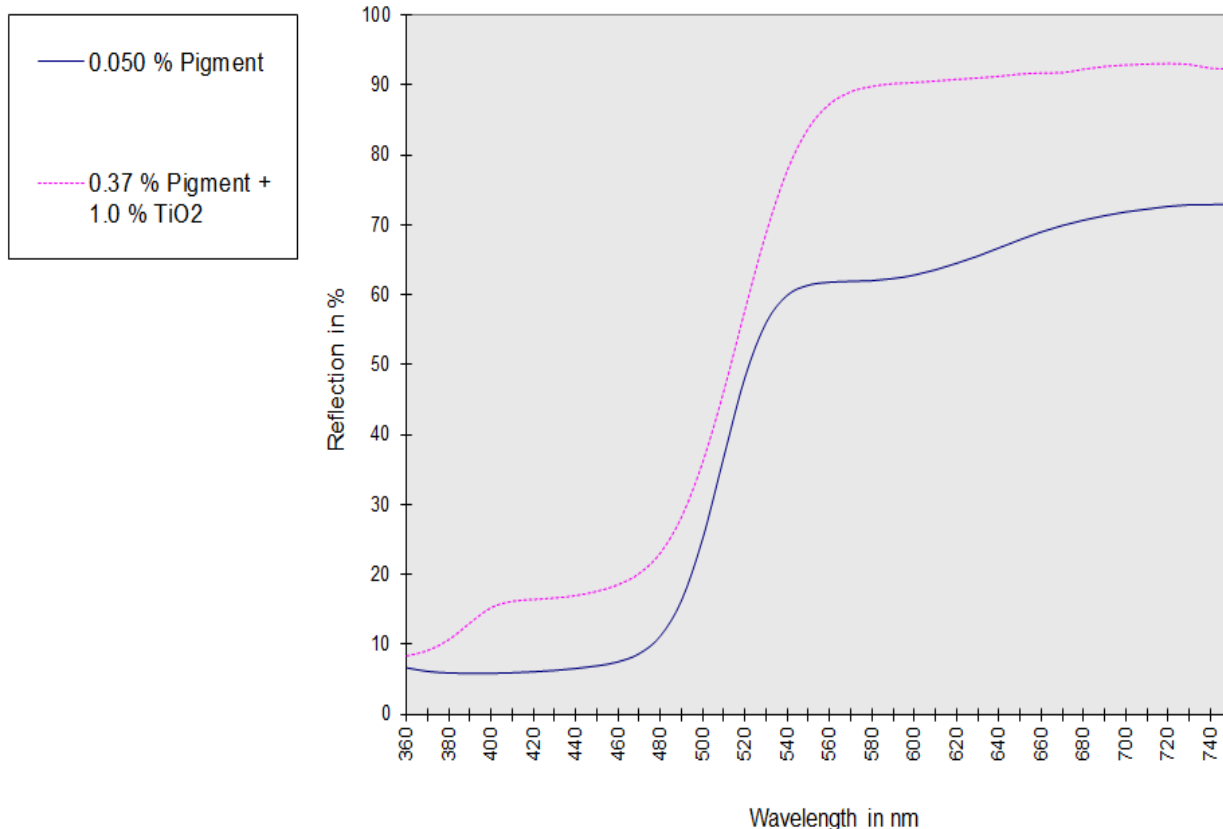
Materials¹⁾ and concentrations²⁾ used for testing of heat stability and lightfastness:

- | | |
|---|---|
| 1) HD-PE: Sabic M80063 | PBT: LANXESS Pocan B1505 |
| PP: Stamylan 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 ₂ : Kerr McGee Tronox R-FK-3 |

- 2) 0.1% pigment + 1% TiO₂
(ABS 0.2 % pigment + 2% TiO₂)

The test result were evaluated with the above mentioned conditions and materials. For other poly-mers, polymergrades, TiO₂ 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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