

Technical Data Sheet - Preliminary Product



ALCOLOR PBT FC GY3171-11

Base Polymer	Polybutylene Terephthalate
Colour	grey, similar to RAL 7045
Thermal Stability Colourant	300 °C max.
Light Fastness Colourant	blue woolscale 8
For use in	Polybutylene Terephthalate
Special Features	food contact, free from cadmium, lead and diarylide pigments, dust-free, high dispersibility, high additive content
Market Segment	food processing industry, household goods, domestic appliances, packaging, sport and leisure, Automotive, Machinery, electrical and electronic, Furniture, building and construction
Application Area	injection moulded parts, extruded parts, compounding

Dosage	2,0 % extrusion 2,0 % injection moulding dependant on wall thickness and required colour intensity dependant on application and operational area
Pre-Drying Conditions	in a dry air (dessiccant) dryer 100-120 °C for 2-4 h in an air circulating dryer 100-120 °C for 4-8 h max. moisture content <0,04 %
Processing Injection Moulding	melt temperature 250-270 °C mould temperature 60-100 °C
Storage	dry, protected from light tightly sealed