

Technical Data Sheet



ALCOLOR PBT A BK979-3116

Base Polymer	Polybutylene Terephthalate
Colour	black, similar to RAL 9004
Thermal Stability Colourant	300 °C max.
Light Fastness Colourant	blue woolscale 8
For use in	Polybutylene Terephthalate
Special Features	high additive content, free from cadmium, lead and diarylide pigments, high dispersibility, dust-free
Market Segment	Automotive, Machinery, electrical and electronic, Furniture, building and construction, sport and leisure
Application Area	injection moulded parts, extruded parts, compounding

Dosage	5 % extrusion 5 % 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

Properties	Value	Dimension	Test Norm
Thermal Properties			
DSC (Melt Point)	226	°C	ISO 11357
Rheological Properties			
Melt Index (MVR)	4	cm ³ /10min	ISO 1133
MVR temperature	250	°C	-
MVR load	2.16	kg	-
Physical Properties			
Density	1310	kg/m ³	ISO 1183