

Technical Data Sheet



ALCOLOR HTC FC BL3019-13TR

Base Polymer	High Temperature Copolyester
Colour	blue, transparent
Thermal Stability Colourant	300 °C max.
Light Fastness Colourant	blue woolscale 8
For use in	High Temperature Copolyester
Special Features	free from cadmium, lead and diarylide pigments, dust-free, high dispersibility
Market Segment	Medical / Personal Care
Application Area	injection moulded parts, blow moulded parts, extruded parts

Dosage	6,0 % extrusion 6,0 % injection moulding dependant on wall thickness and required colour intensity dependant on application and operational area
Pre-Drying Conditions	88 °C in a dry air (dessiccant) dryer for 4-6 h dependant on moisture content
Processing Injection Moulding	melt temperature 260-282 °C mould temperature 38-66 °C
Storage	dry, protected from light

Properties	Value	Dimension	Test Norm
Thermal Properties			
DSC (Glass Transition Point)	106	°C	ISO 11357
Rheological Properties			
Melt Index (MVR)	9	cm ³ /10min	ISO 1133
MVR temperature	220	°C	-
MVR load	10	kg	-
Physical Properties			
Density	1180	kg/m ³	ISO 1183