

Technical Data Sheet



ALCOLOR FUNCTION POM LE BK1226-18

Base Polymer	Polyoxymethylene Copolymer
Colour	black, similar to RAL 9011
Thermal Stability Colourant	300 °C max.
Light Fastness Colourant	blue woolscale 8
For use in	Polyoxymethylene Copolymer
Special Features	low emission, free from cadmium, lead and diarylide pigments, high additive content, 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

Dosage	injection moulding 2,0-4,0 % extrusion 2,0-4,0 % dependant on wall thickness and required colour intensity dependant on application and operational area
Pre-Drying Conditions	in a dry air (dessiccant) dryer 100-110 °C for 2-3 h in an air circulating dryer 100-110 °C for 3-5 h
Processing Injection Moulding	melt temperature 180-220 °C mould temperature 60-100 °C
Processing Extrusion	melt temperature 175-200 °C die temperature 175-190 °C
Storage	dry, protected from light tightly sealed

Properties	Value	Dimension	Test Norm
Rheological Properties			
Melt Index (MVR)	7	cm ³ /10min	ISO 1133
MVR temperature	190	°C	-
MVR load	2.16	kg	-