

Technical Data Sheet



ALCOLOR FUNCTION POM LE UV GY5011-18

Base Polymer	Polyoxymethylene Copolymer
Filler/Additive System	light stabiliser
Colour	grey, similar to RAL 7021
Thermal Stability Colourant	300 °C max.
Light Fastness Colourant	blue wooscale 8
For use in	Polyoxymethylene/general, Polyoxymethylene Copolymer
Special Features	low emission, UV stabilised, free from cadmium, lead and diarylide pigments, high additive content, high dispersibility, dust-free
Market Segment	Automotive, Machinery, electrical and electronic
Application Area	injection moulded parts, extruded parts

Dosage	4,0 % extrusion 4,0 % 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 100-110 °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