

Technical Data Sheet



ALCOLOR Function PA AO A OR3058-12

Base Polymer	Polyamide 6
Filler/Additive System	antioxidant
Colour	orange, similar to RAL 2010
Thermal Stability Colourant	280 °C max.
Light Fastness Colourant	blue wooscale 7
For use in	Polyamide
Special Features	heat stabilised, free from cadmium, lead and diarylide pigments, dust-free, high dispersibility, high additive content
Market Segment	Machinery, electrical and electronic, Furniture, building and construction, sport and leisure
Application Area	injection moulded parts, blow moulded parts, extruded parts

Dosage	3,0 % extrusion 3,0 % injection moulding dependant on wall thickness and required colour intensity dependant on application and operational area
Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h max. moisture content <0,12 %
Processing Injection Moulding	melt temperature 250-290 °C mould temperature 40-100 °C
Storage	dry, protected from light tightly sealed

Properties	Value	Dimension	Test Norm
Thermal Properties			
DSC (Melt Point)	220	°C	ISO 11357
Physical Properties			
Density	1130	kg/m³	ISO 1183