

Technical Data Sheet



ALCOLOR Function SAN UV A OR3070-09

Base Polymer	Styrene/Acrylonitrile/Copolymer
Filler/Additive System	light stabiliser
Colour	orange, similar to RAL 2010
Thermal Stability Colourant	280 °C max.
Light Fastness Colourant	blue wooscale 4
For use in	Acrylonitrile/Butadiene/Styrene/Copolymer, Styrene/Acrylonitrile/Copolymer, Acrylonitrile/Styrene/Acrylate/Copolymer
Special Features	UV stabilised, free from cadmium, lead and diarylide pigments, dust-free, high dispersibility, high additive content
Market Segment	electrical and electronic, Furniture, building and construction, sport and leisure
Application Area	injection moulded parts, extruded parts

Dosage	extrusion 3-4 % injection moulding 3-4 % 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 2-4 h 80 °C in an air circulating dryer for 2-4 h
Processing Injection Moulding	melt temperature 210-260 °C mould temperature 40-80 °C
Storage	dry, protected from light tightly sealed

Properties	Value	Dimension	Test Norm
Rheological Properties			
Melt Index (MVR)	170	cm ³ /10min	ISO 1133
MVR temperature	220	°C	-
MVR load	10	kg	-
Physical Properties			
Density	1040	kg/m ³	ISO 1183