

Technical Data Sheet



ALCOLOR ABS FC WT1168-18

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Filler/Additive System	70 % special filler
Colour	white, similar to RAL 9010
Thermal Stability Colourant	300 °C max.
Light Fastness Colourant	blue woolscale 8
For use in	Acrylonitrile/Butadiene/Styrene/Copolymer
Special Features	food contact, high additive content, free from cadmium, lead and diarylide pigments, dust-free, high dispersibility
Market Segment	electrical and electronic, Furniture, building and construction, sport and leisure, food processing industry, household goods
Application Area	extruded parts, injection moulded parts

Dosage	1 % extrusion 1 % 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 2-4 h 80 °C in an air circulating dryer for 3-6 h dependant on moisture content
Processing Injection Moulding	melt temperature 220-260 °C mould temperature 50-80 °C
Storage	dry, protected from light not above 30°C

Properties	Value	Dimension	Test Norm
Thermal Properties			
DSC (Glass Transition Point)	104	°C	ISO 11357
Rheological Properties			
Melt Index (MVR)	3.5	cm ³ /10min	ISO 1133
MVR temperature	220	°C	-
MVR load	10	kg	-