

Technical Data Sheet



ALCOLOR ABS A WT79-4198

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Colour	white, similar to RAL 9003
Thermal Stability Colourant	300 °C max.
Light Fastness Colourant	blue woolscale 7
For use in	Acrylonitrile/Butadiene/Styrene/Copolymer, Styrene/Acrylonitrile/Copolymer, Acrylonitrile/Styrene/Acrylate/Copolymer
Special Features	free from cadmium, lead and diarylide pigments, dust-free, high dispersibility, high additive content
Market Segment	various
Application Area	injection moulded parts, extruded parts

Dosage	10,0 % extrusion 10,0 % 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 2-4 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)	13	cm ³ /10min	ISO 1133
MVR temperature	220	°C	-
MVR load	10	kg	-
Physical Properties			
Density	1070	kg/m ³	ISO 1183