

Technical Data Sheet



ALTECH PP-B A 1000/120 UV

Base Polymer	Polypropylene Heterophasic Copolymer
Colour	grey
Special Features	UV stabilised, heat stabilised, processing stabilised, easy release (demoulding)
Market Segment	Automotive
Application Area	injection moulded parts, exterior parts
Typical Applications	functional components, housings

Pre-Drying Conditions	in a dry air (dessiccant) dryer 80-120 °C for 2-3 h in an air circulating dryer 80-120 °C for 2-4 h dependant on moisture content max. moisture content <0,10 %
Processing Injection Moulding	melt temperature 200-240 °C mould temperature 20-70 °C
Storage	dry, protected from light

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	1300	MPa	ISO 178
Impact Strength (Charpy, 23 °C)	no break	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23 °C)	6	kJ/m ²	ISO 179/1eA
Thermal Properties			
Vicat B50	80	°C	ISO 306
DSC (Melt Point)	163	°C	ISO 11357
Rheological Properties			
Melt Index (MVR)	60	cm ³ /10min	ISO 1133
MVR temperature	230	°C	-
MVR load	2.16	kg	-
Shrinkage (lengthwise, 24h)	1.2 - 1.4	%	ISO 294-4
Shrinkage (lateral, 24h)	1.5 - 1.7	%	ISO 294-4
Physical Properties			
Density	910	kg/m ³	ISO 1183