

Technical Data Sheet



ALTECH PP-H A 4940/508 LE

Base Polymer	Polypropylene Homopolymer
Filler/Additive System	40 % talcum
Colour	black
Special Features	low emission,processing stabilised,heat stabilised
Market Segment	Automotive
Typical Applications	various,interior decoration / finishing
Approvals	GMW15702

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 For superior surface quality and better emission properties is drying recommended. dependant on moisture content max. moisture content <0,10 %
Processing Injection Moulding	melt temperature 200-250 °C mould temperature 20-70 °C
Storage	dry, protected from light

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	5100	MPa	ISO 178
Flexural Strength	58	MPa	ISO 178
Tensile Modulus	4600	MPa	ISO 527
Tensile Strength at Break	33	MPa	ISO 527
Tensile Elongation at Break	3.7	%	ISO 527
Impact Strength (Charpy, 23°C)	20	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	10	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	2	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	1.5	kJ/m ²	ISO 179/1eA
Thermal Properties			
Vicat B50	110	°C	ISO 306
HDT / A (1,8 MPa)	107	°C	ISO 75-1/-2
DSC (Melt Point)	163	°C	ISO 11357
Rheological Properties			
Melt Index (MVR)	22	cm ³ /10min	ISO 1133
MVR temperature	230	°C	-
MVR load	2.16	kg	-
Physical Properties			
Density	1230	kg/m ³	ISO 1183