ALTECH PP-H A 4940/100 MR40

PP-T40 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polypropylene Homopolymer
Filler/Additive System	40 % talcum
Typical Applications	injection moulded parts

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**3.5**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**4900**	MPa	ISO 527
[C] Yield stress	**34**	MPa	ISO 527
[C] Yield strain	**2.7**	%	ISO 527
[C] Charpy impact strength, +23°C	**26**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**3**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**95**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**100**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1230**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Features
Homopolymer

Delivery form
Granules

Regional Availability
North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Special Characteristics
Heat stabilized or stable to heat

Other text information

Injection molding

Pre-Drying Conditions	in a dry air (dessiccant) dryer 60-90 °C for 2-4 h in an air circulating dryer 60-90 °C for 2-4 h
Processing Injection Moulding	melt temperature 200-270 °C mould temperature 20-70 °C
Storage	dry, protected from light not above 30°C