ALTECH PP-H FC 4940/100 TV40

PP-T40 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polypropylene Homopolymer
Filler/Additive System	40 % talcum
Special Features	high stiffness,high heat stabilised,heat stabilised
Typical Applications	kitchenware

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**3**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**4300**	MPa	ISO 527
[C] Yield stress	**33**	MPa	ISO 527
[C] Yield strain	**3.3**	%	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] Vicat softening temperature, B	**105**	°C	ISO 306

[C]: CAMPUS

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

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Certifications
Food contact

Features
Homopolymer

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

Other text information

Injection molding

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
Processing Injection Moulding	melt temperature 200-270 °C mould temperature 20-90 °C
Storage	dry, protected from light not above 30°C