ALCOM POM 770/1 SLAP

POM-X | MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyoxymethylene Copolymer
Filler/Additive System	special filler
Special Features	improved sliding / wear,heat stabilised
Market Segment	Automotive,Machinery
Application Area	injection moulded parts
Typical Applications	bearings and sliding elements,functional components

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**8**	cm³/10min	ISO 1133
Temperature	**190**	°C	-
Load	**2.16**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2350**	MPa	ISO 527
[C] Yield stress	**53**	MPa	ISO 527
[C] Yield strain	**10.4**	%	ISO 527
[C] Charpy impact strength, +23°C	**85**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**5**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**90**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**142**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1400**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

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

Other text information

Injection molding

Pre-Drying Conditions	in a dry air (dessiccant) dryer 100-110 °C for 2-3 h in an air circulating dryer 100-110 °C for 3-5 h dependant on moisture content
Processing Injection Moulding	melt temperature 180-220 °C mould temperature 60-90 °C
Storage	dry, protected from light not above 30°C