ALCOM WP PA66 5020 PTFESI 15042

(PA66+PTFE) MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Filler/Additive System	20 % PTFE/Silicone
Special Features	improved sliding / wear,easy release (demoulding),processing stabilised
Market Segment	Automotive,Machinery
Application Area	injection moulded parts
Typical Applications	functional components,bearings and sliding elements

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2600 / -**	MPa	ISO 527
[C] Yield stress	**60 / -**	MPa	ISO 527
[C] Yield strain	**15 / -**	%	ISO 527
[C] Charpy impact strength, +23°C	**75 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**3.5 / -**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**65 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1240 / -**	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 <80 °C for 2-12 h dependant on moisture content
Processing Injection Moulding	melt temperature 270-290 °C mould temperature 40-80 °C
Storage	dry, protected from light