

ALCOM PA66 910/1 PTFE15

(PA66+PTFE)

MOCOM Compounds GmbH & Co. KG

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	15 % PTFE
Special Features	heat stabilised, injection moulding grade, easy release (demoulding), improved sliding / wear
Application Area	various

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2800	MPa	ISO 527
^[C] Stress at break	68	MPa	ISO 527
^[C] Strain at break	13	%	ISO 527
^[C] Charpy impact strength, +23°C	80	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	237	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1230	kg/m ³	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	80 °C in a dry air (dessiccant) dryer for 2-12 h
Processing Injection Moulding	melt temperature 270-290 °C mould temperature 80-120 °C
Storage	dry, protected from light not above 30°C