ALCOM PA66 910/1 NU SV1057-03MCF

PA66 — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Special Features	metallic effect,low tendency to flow lines,fast solidifying,easy release (demoulding)
Market Segment	Automotive,electrical and electronic,building and construction
Application Area	injection moulded parts,housings

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**3900**	MPa	ISO 527
[C] Yield stress	**90**	MPa	ISO 527
[C] Yield strain	**4**	%	ISO 527
[C] Charpy impact strength, +23°C	**28**	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	**85**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**240**	°C	ISO 306
[C] Burning Behav. at 1.5 mm nom. thickn.	**V-2**	class	IEC 60695-11-10
Thickness tested	**1.5**	mm	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1180**	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	80 °C in a dry air (dessiccant) dryer 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 not above 30°C