



ALCOM PA66 910/8 IM SV1246-07MCF

(Last update: 23.08.2022)



Base Polymer	Polyamide 66
Colour	silver,metallic effect
Special Features	low tendency to flow lines,impact modified,heat stabilised
Market Segment	Automotive,Machinery
Typical Applications	functional components,housings

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

Properties	dry/cond.	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	1600 / -	MPa	ISO 178
Flexural Stress (3.5% Strain)	40 / -	MPa	ISO 178
Tensile Modulus	1700 / -	MPa	ISO 527
Tensile Strength at Break	30 / -	MPa	ISO 527
Tensile Elongation at Break	20 / -	%	ISO 527
Impact Strength (Charpy, 23°C)	no break / -	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	50 / -	kJ/m ²	ISO 179/1eA
Thermal Properties			
HDT / A (1,8 MPa)	60 / *	°C	ISO 75-1/-2
DSC (Melt Point)	264 / *	°C	ISO 11357
Rheological Properties			
Shrinkage (lengthwise, 24h)	1.7 - 2.1	%	ISO 294-4
Shrinkage (lateral, 24h)	1.4 - 1.8	%	ISO 294-4
Physical Properties			
Density	1100 / -	kg/m ³	ISO 1183

Liability Exclusion

These are guide values and not a specification. The test values mentioned are representative values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions.

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