

ALCOM® PA66 910/8 IM SV1246-07MCF

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/8 IM SV1246-07MCF is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA66 910/8 IM SV1246-07MCF include automotive, engineering/industrial parts and housings.

Characteristics include:

REACH Compliant
RoHS Compliant
Heat Stabilizer
Impact Modified

General Information	
Additive	Heat Stabilizer Impact Modifier
Features	Heat Stabilized Impact Modified
Uses	Automotive Applications Housings Machine/Mechanical Parts
Agency Ratings	EC 1907/2006 (REACH)
RoHS Compliance	RoHS Compliant
Appearance	Metallized - Colors Silver

Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2
Tensile Stress (Yield)	40.0	MPa	ISO 527-2
Tensile Strain (Yield)	5.0	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	50	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A

Vicat Softening Temperature	168	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 12	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	40.0 to 80.0	°C	

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