

ALCOM® PA66 910/1 NU SV1057-03MCF

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALCOM®PA66 910/1 NU SV1057-03MCF is a polyamide 66 (nylon 66) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALCOM®The application fields of PA66 910/1 NU SV1057-03MCF include construction applications, electrical/electronic applications, housing and automobile industries.

Features include:

- flame retardant/rated flame
- Comply with REACH standard
- ROHS certification
- excellent release agent

General Information			
Features	Good demoulding performance		
Uses	Electrical/Electronic Applications		
	Building materials		
	Architectural application field		
	Application in Automobile Field		
	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Appearance	Metallization-dyeing		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3900	MPa	ISO 527-2
Tensile Stress (Break)	90.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	3600	MPa	ISO 178
Flexural Stress	120	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	28	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	240	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.5 mm)	V-2	UL 94	
Injection	Nominal Value	Unit	

Drying Temperature - Desiccant Dryer	80	°C
Drying Time - Desiccant Dryer	2.0 - 12	hr
Processing (Melt) Temp	270 - 290	°C
Mold Temperature	40 - 80	°C

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Recommended distributors for this material

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