

ALCOM® PA66 910/1 PTFE20

Polyamide 66

ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/1 PTFE20 is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA66 910/1 PTFE20 include engineering/industrial parts and automotive.

Characteristics include:

REACH Compliant

RoHS Compliant

Lubricated

Wear Resistant

General Information			
Additive	PTFE Lubricant (20%)		
Features	Good Wear Resistance		
Uses	Automotive Applications		
	Bearings		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2600	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	2700	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	70	kJ/m ²	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	235	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 12	hr	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 120	°C	

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Recommended distributors for this material

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