

ALCOM® PA66 910/1 PTFE15

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/1 PTFE15 is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Good Mold Release
- Heat Stabilizer
- Lubricated

General Information			
Additive	Heat Stabilizer		
	PTFE Lubricant (15%)		
Features	Good Mold Release		
	Good Wear Resistance		
	Heat Stabilized		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2850	MPa	ISO 527-2
Tensile Stress (Break)	68.0	MPa	ISO 527-2
Tensile Strain (Break)	13	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	80	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	237	°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	80.0 to 120	°C
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Recommended distributors for this material

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