

ALTECH® PA6 A 2015/321 GF15 UV IM

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 2015/321 GF15 UV IM is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant
RoHS Compliant
Heat Stabilizer
Impact Modified
UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
	UV Stabilizer		
Features	Heat Stabilized		
	Impact Modified		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Moisture - Karl Fischer	0.0	%	ISO 15512
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5200	MPa	ISO 527-2
Tensile Stress	100	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	4500	MPa	ISO 178
Flexural Stress	140	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	8.0	kJ/m ²	
-40°C	4.0	kJ/m ²	
-20°C	5.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	55	kJ/m ²	
-40°C	35	kJ/m ²	
-20°C	40	kJ/m ²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	195	°C	ISO 75-2/A
Vicat Softening Temperature	205	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	1.0 to 12	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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