

ALTECH® PA6 A 1000/149 FR

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 1000/149 FR is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant
Flame Retardant

General Information			
UL YellowCard	E80168-250646		
Additive	Flame Retardant		
Features	Flame Retardant		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183
Moisture - Karl Fischer	0.10	%	ISO 15512
Relative Viscosity ¹	3.00		ISO 307, 1157, 1628
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3400	MPa	ISO 527-2
Tensile Stress	70.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	3100	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	50	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	205	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-0	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 12	hr	
Processing (Melt) Temp	250 to 270	°C	
Mold Temperature	40.0 to 80.0	°C	
NOTE			

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Recommended distributors for this material

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