

ALTECH® PA6 A 1000/510 IM

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 1000/510 IM is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific, Europe, or North America. Typical application: Housings.
Characteristics include:
REACH Compliant
RoHS Compliant
Good Mold Release
Heat Stabilizer
Impact Modified

General Information			
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Good Mold Release		
	Heat Stabilized		
	Impact Modified		
Uses	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2450	MPa	ISO 527-2
Tensile Stress	70.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	86.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	12	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	61.0	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 12	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	240 to 260	°C	

Mold Temperature	40.0 to 80.0	°C
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