

ALTECH® PA66 A 1000/510 IM

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 1000/510 IM is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Heat Stabilizer
Impact Modified

General Information			
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Heat Stabilized		
	Impact Modified		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	60.0	MPa	
Break	45.0	MPa	
Tensile Strain			ISO 527-2
Yield	4.6	%	
Break	24	%	
Flexural Modulus	2270	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	16	kJ/m²	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)	66.0	°C	ISO 75-2/A
Vicat Softening Temperature	227	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	2.0 to 12	hr	

Suggested Max Moisture	0.15	%
Processing (Melt) Temp	270 to 290	°C
Mold Temperature	40.0 to 80.0	°C

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Recommended distributors for this material

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