

ALTECH® PA66 ECO 1000/500

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH®PA66 ECO 1000/500 is a polyamide 66 (nylon 66) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region.
Features include:
flame retardant/rated flame
Comply with REACH standard
ROHS certification

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	130	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ISO 527-2
Tensile Stress	86.0	MPa	ISO 527-2
Tensile Strain (Break)	13	%	ISO 527-2
Flexural Modulus	3100	MPa	ISO 178
Flexural Stress	120	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	5.0	kJ/m²	ISO 179/1eA
-40°C	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
--	110	kJ/m²	ISO 179/1eU
-40°C	110	kJ/m²	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	190	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.5 mm)	V-2		UL 94
Glow Wire Flammability Index (2.0 mm)	850	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80	°C	
Drying Time - Desiccant Dryer	2.0 - 12	hr	

Processing (Melt) Temp	270 - 290	°C
Mold Temperature	40 - 80	°C

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Recommended distributors for this material

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