

ALTECH® PA66 A 1000/310 IM

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 1000/310 IM is a Polyamide 66 (Nylon 66) 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
High Flow

General Information				
Additive		Heat Stabilizer Impact Modifier		
Features		Good Mold Release Heat Stabilized High Flow Impact Modified		
Uses		Housings		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.10	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	2200	950	MPa	ISO 527-2
Tensile Stress				ISO 527-2
Yield	55.0	35.0	MPa	
Break	45.0	45.0	MPa	
Tensile Strain				ISO 527-2
Yield	5.0	19	%	
Break	30	200	%	
Flexural Modulus	2000	850	MPa	ISO 178
Flexural Stress	80.0	25.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
--	60	100	kJ/m ²	
-20°C	15	--	kJ/m ²	

Charpy Unnotched Impact Strength	No Break	--		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	--	°C	ISO 75-2/A
Vicat Softening Temperature	200	--	°C	ISO 306/B50
Injection	Dry	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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

