ALTECH® PA6 A 1000/126 UV

Polyamide 6

ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 1000/126 UV 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
UV Stabilized

General Information				
Additive	UV Stabilizer			
Features	Good Flow Good Mold Release			
Uses	Housings			
Agency Ratings	EC 1907/2006 (REACH)			
RoHS Compliance	RoHS Compliant			
Physical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Density	1.14	--	g/cm³	ISO 1183
Mechanical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Tensile Modulus	2900	1500	MPa	ISO 527-2
Tensile Stress				ISO 527-2
Break	--	45.0	MPa	
--	85.0	--	MPa	
Tensile Strain (Break)	3.5	--	%	ISO 527-2
Nominal Tensile Strain at Break	--	> 50	%	ISO 527-2
Flexural Modulus	2800	--	MPa	ISO 178
Flexural Stress	110	55.0	MPa	ISO 178
Impact	**Dry**	**Conditioned**	**Unit**	**Test Method**
Charpy Notched Impact Strength	5.0	--	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break	--		ISO 179/1eU
Thermal	**Dry**	**Conditioned**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	--	°C	ISO 75-2/A
Vicat Softening Temperature	200	--	°C	ISO 306/B50
Electrical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Surface Resistivity	--	1.0E+12	ohms	IEC 60093

Volume Resistivity	--	1.0E+12	ohms·cm	IEC 60093

Injection	Dry	Unit
Drying Temperature	80.0	°C
Drying Time	2.0 to 12	hr
Suggested Max Moisture	0.15	%
Processing (Melt) Temp	250 to 270	°C
Mold Temperature	40.0 to 80.0	°C

Recommended distributors for this material

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