

ALTECH® PA6 ECO 1000/588

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH®PA6 ECO 1000/588 is a polyamide 6 (nylon 6) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®The application fields of PA6 ECO 1000/588 include electrical/electronic applications, construction applications, automotive industry and water pipes/pipes/drinking water.

- Features include:
- Comply with REACH standard
 - environmental protection/green
 - ROHS certification
 - heat stabilizer
 - excellent release agent

General Information			
Additive	heat stabilizer		
Recycled Content	Yes		
Features	Thermal Stability		
	Good demoulding performance		
Uses	Catheter		
	Electrical/Electronic Applications		
	Piping system		
	Building materials		
	Architectural application field		
	Application in Automobile Field		
	Profile		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Relative Viscosity ¹	3.00		ISO 307
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2
Tensile Stress	75.0	MPa	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2
Flexural Modulus	2800	MPa	ISO 178
Flexural Stress	110	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	4.0	kJ/m ²	ISO 179/1eA

-40°C	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		ISO 179/1eU
-40°C	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80	°C	
Drying Time - Desiccant Dryer	2.0 - 12	hr	
Processing (Melt) Temp	250 - 270	°C	
Mold Temperature	40 - 80	°C	
NOTE			
1.	m-Cresol, c=10g/ml		

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