ALTECH® PA6 ECO 2035/507 GF35

Polyamide 6

ALBIS PLASTIC GmbH

Message:

ALTECH®PA6 ECO 2035/507 GF35 is a polyamide 6 (nylon 6) product, which contains a 35% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Typical application areas are: architectural applications.
Features include:
Comply with REACH standard
ROHS certification
High stiffness

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 35% filler by weight		
Features	Rigidity, high		
Uses	Building materials Architectural application field		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.44	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	10500	MPa	ISO 527-2
Tensile Stress (Break)	140	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	9000	MPa	ISO 178
Flexural Stress	215	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	8.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	60	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	210	°C	ISO 75-2/A
Vicat Softening Temperature	215	°C	ISO 306/B50
Injection	**Nominal Value**	**Unit**	
Drying Temperature - Desiccant Dryer	80	°C	
Drying Time - Desiccant Dryer	2.0 - 20	hr	
Processing (Melt) Temp	270 - 290	°C	
Mold Temperature	80 - 90	°C	

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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