

ALTECH® PA6 ECO 2010/506 GF10

Polyamide 6

ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 ECO 2010/506 GF10 is a polyamide 6 (nylon 6) product, which contains a 10% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH® The application areas of PA6 ECO 2010/506 GF10 include housing and engineering/industrial accessories.

Features include:

Comply with REACH standard

ROHS certification

heat stabilizer

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
Uses	Machine/mechanical parts Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm ³	ISO 1183
	4.0		
Water Absorption (Equilibrium, 23°C, 50% RH)	6.0	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4400	MPa	ISO 527-2
Tensile Stress (Break)	80.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	4300	MPa	ISO 178
Flexural Stress	140	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	160	°C	ISO 75-2/A
Vicat Softening Temperature	206	°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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

