

ALTECH® PA6 A 1000/109 BK1010-13LSC

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 1000/109 BK1010-13LSC is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA6 A 1000/109 BK1010-13LSC include handles and housings.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Good Mold Release
- High Flow

General Information				
Features	Good Mold Release			
	High Flow			
	Laser Markable			
Uses	Handles			
	Housings			
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.13	--	g/cm ³	ISO 1183
Water Absorption				ISO 62
Saturation, 23°C	9.5	--	%	
Equilibrium, 23°C, 50% RH	3.0	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3200	1500	MPa	ISO 527-2
Tensile Stress (Break)	85.0	45.0	MPa	ISO 527-2
Tensile Strain				ISO 527-2
Yield	10	--	%	
Break	10	> 50	%	
Flexural Modulus	2800	--	MPa	ISO 178
Flexural Stress	105	55.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	4.0	--	kJ/m ²	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)	65.0	--	°C	ISO 75-2/A
Vicat Softening Temperature	200	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+3	ohms	IEC 60093
Volume Resistivity	1.0E+17	1.0E+12	ohms·cm	IEC 60093
Comparative Tracking Index	600	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating				UL 94
1.50 mm	V-2	--		
3.00 mm	V-2	--		
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	250 to 270		°C	
Mold Temperature	40.0 to 80.0		°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



WECHAT