LIHAN® A9705PBK

Polyamide 66

Nanjing Lihan Chemical Co., Ltd.

Message:

LIHAN® A9705PBK is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in Asia Pacific. Primary characteristic: flame rated.

General Information				
Forms	Pellets			
Processing Method	Injection Molding			
Physical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Density	1.35	--	g/cm³	ISO 1183
Molding Shrinkage	0.20 to 0.40	--	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.40 to 0.80	--	%	ISO 62
Water Content	5.5 to 6.5	--	%	ISO 62
Hardness	**Dry**	**Conditioned**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	120	115		ISO 2039-2
Mechanical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Tensile Stress (Break)	130	--	MPa	ISO 527-2
Tensile Strain (Break)	1.5	3.0	%	ISO 527-2
Flexural Modulus	7000	--	MPa	ISO 178
Flexural Stress	180	--	MPa	ISO 178
Impact	**Dry**	**Conditioned**	**Unit**	**Test Method**
Notched Izod Impact Strength	13	16	kJ/m²	ISO 180
Thermal	**Dry**	**Conditioned**	**Unit**	**Test Method**
Heat Deflection Temperature				
0.45 MPa, Unannealed	255	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	250	--	°C	ISO 75-2/A
Melting Temperature	260	--	°C	DSC
CLTE - Flow	2.5E-5 to 3.5E-5	6.0E-5 to 8.0E-5	cm/cm/°C	ASTM D696
Electrical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Surface Resistivity	1.0E+13	1.0E+10	ohms	ASTM D257
Dielectric Strength	17	--	kV/mm	ASTM D149
Flammability	**Dry**	**Conditioned**	**Unit**	**Test Method**
Flame Rating (1.59 mm)	V-0	--		UL 94
Injection	**Dry**	**Unit**		
Processing (Melt) Temp	260 to 280		°C	
Mold Temperature	60.0 to 80.0		°C	

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