

LIHAN® A705EXBK

Polyamide 66
Nanjing Lihan Chemical Co., Ltd.

Message:
LIHAN® A705EXBK 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	1.29	--	g/cm ³	ISO 1183
Water Absorption (Equilibrium, 23°C, 50% RH)	0.60 to 1.0	--	%	ISO 62
Water Content	5.5 to 6.5	--	%	ISO 62
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	115	--		ISO 2039-2
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	90.0	--	MPa	ISO 527-2
Flexural Modulus	4000	--	MPa	ISO 178
Flexural Stress	120	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact Strength	7.5	--	kJ/m ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	245	--	°C	ISO 75-2/B
Melting Temperature	260	--	°C	DSC
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+12	1.0E+10	ohms	ASTM D257
Dielectric Strength	20	--	kV/mm	ASTM D149
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.59 mm)	HB	--		UL 94
Injection	Dry	Unit		
Processing (Melt) Temp	260 to 290		°C	

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