

LIHAN® P704

Polypropylene
Nanjing Lihan Chemical Co., Ltd.

Message:
LIHAN® P704 is a Polypropylene 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	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Molding Shrinkage	0.40 to 0.80	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	3020	MPa	ISO 178
Flexural Stress	72.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	140	°C	ISO 75-2/B
1.8 MPa, Unannealed	120	°C	ISO 75-2/A
Melting Temperature	160	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257
Dielectric Strength	15	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	185 to 230	°C	
Mold Temperature	40.0 to 50.0	°C	

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