

Sup-tech P704

Polypropylene

Shanghai Suptech Engineering Plastics Co. Ltd.

Message:

Sup-tech P704 is a Polypropylene product filled with 20% glass fiber. It can be processed by injection molding and is available in Asia Pacific.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	DIN 53479
Melt Mass-Flow Rate (MFR)	5.0 to 8.0	g/10 min	DIN 53735
Molding Shrinkage	6.0E-3	%	DIN 53464
Water Absorption (23°C, 24 hr)	0.040	%	DIN 53495
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	44.0	MPa	DIN 53455
Tensile Strain (Break)	3.0	%	DIN 53452
Flexural Modulus	3300	MPa	DIN 53457
Flexural Stress	70.0	MPa	DIN 53457
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.0	kJ/m ²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			DIN 53461
0.45 MPa, Unannealed	135	°C	
1.8 MPa, Unannealed	120	°C	
Melting Temperature	170	°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Electric Strength	17	kV/mm	DIN 53481
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0 to 6.0	hr	
Processing (Melt) Temp	185 to 240	°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

