

Sup-tech P601

Polypropylene

Shanghai Suptech Engineering Plastics Co. Ltd.

Message:

Sup-tech P601 is a Polypropylene product. It can be processed by injection molding and is available in Asia Pacific. Primary characteristic: impact modified.

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	DIN 53479
Molding Shrinkage	1.4E-3	%	DIN 53464
Water Absorption (23°C, 24 hr)	0.030	%	DIN 53495
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	70		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	25.0	MPa	DIN 53455
Tensile Strain (Break)	150	%	DIN 53452
Flexural Modulus	1300	MPa	DIN 53457
Flexural Stress	35.0	MPa	DIN 53457
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	20	kJ/m ²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	DIN 53461
Melting Temperature	160	°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Electric Strength	19	kV/mm	DIN 53481
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0 to 6.0	hr	
Processing (Melt) Temp	180 to 230	°C	

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