

Witcom PP 2006/376

Polypropylene

Witcom Engineering Plastics B.V.

Message:

Witcom PP 2006/376 is a Polypropylene product filled with filler. It is available in Europe.

Characteristics include:

Flame Rated

Conductive

General Information			
Filler / Reinforcement	Filler		
Features	Conductive		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.00 mm)	0.70 to 1.1	%	ISO 2577
Water Absorption			ISO 62
Saturation, 23°C	0.020	%	
Equilibrium, 23°C, 50% RH	0.010	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	< 35.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0 to 10	%	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	50.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	20	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength	35	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4 to 1.0E+6	ohms	ASTM D257
Volume Resistivity	1.0E+4 to 1.0E+6	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		ISO 1210

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Recommended distributors for this material

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