

Witcom TPE 2012/355-EC

Thermoplastic Elastomer

Witcom Engineering Plastics B.V.

Message:

Witcom TPE 2012/355-EC is a Thermoplastic Elastomer (TPE) product. It is available in Europe.

Characteristics include:

Flame Rated

Conductive

General Information			
Features	Electrically Conductive		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.00 mm)	1.0 to 2.0	%	ISO 2577
Water Absorption			ISO 62
Saturation, 23°C	0.80	%	
Equilibrium, 23°C, 50% RH	0.20	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	70		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	< 5.00	MPa	ISO 527-2
Tensile Strain (Break)	> 500	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	No Break		ISO 180/1A
Unnotched Izod Impact Strength	No Break		ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+3	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		ISO 1210

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