

# Witcom TPE 2006/562

Thermoplastic Elastomer

Witcom Engineering Plastics B.V.

Message:

Witcom TPE 2006/562 is a Thermoplastic Elastomer (TPE) product. It is available in Europe.

Characteristics include:

- Flame Rated
- Conductive

General Information			
Features	Conductive		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage - Flow (3.00 mm)	0.60 to 1.2	%	ISO 2577
Water Absorption			ISO 62
Saturation, 23°C	1.0	%	
Equilibrium, 23°C, 50% RH	0.30	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	85		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	< 8.00	MPa	ISO 527-2
Tensile Strain (Break)	> 80	%	ISO 527-2
Flexural Modulus	200	MPa	ISO 178
Flexural Stress	15.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 60	kJ/m <sup>2</sup>	ISO 180/1A
Unnotched Izod Impact Strength	No Break		ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3 to 1.0E+4	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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