

Witcom TPE-2006/562

TPE

Wittenburg B.V.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Flexural modulus, 23°C	200	MPa	ISO 178
Flexural strength	15	MPa	ISO 178
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	60	kJ/m ²	ISO 180/1A
Stress at break TPE	8	MPa	ISO 527
Strain at break TPE	80	%	ISO 527

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257
Volume Resistivity	1000000	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water absorption	1	%	Sim. to ISO 62
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1060	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Increased electrical conductivity

Regional Availability

Europe