

Witcom PP-C/2S

PP-MEF(x)

Wittenburg B.V.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	225	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Flexural strength	25	MPa	ISO 178
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	40	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	60	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	120	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Electrical properties			
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257
Other properties			
Water absorption	0.02	%	Sim. to ISO 62
Humidity absorption	0.01	%	Sim. to ISO 62
Density	980	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.05	%	-
Melt temperature	200 - 245	°C	-
Mold temperature	40 - 70	°C	-
Back pressure	0 - 0.5	MPa	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Increased electrical conductivity

Features

EMI Attenuation/Shielding, Copolymer

Regional Availability

Europe