

Witcom PP-H/4L1-HS

(PP+PTFE)

Wittenburg B.V.

Product Texts

20% PTFE

Processing/Physical Characteristics**ISO Data**

	Value	Unit	Test Standard
Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577

Mechanical properties**ISO Data**

	Value	Unit	Test Standard
Tensile Strength	30	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Flexural strength	40	MPa	ISO 178
Izod impact strength, +23°C	30	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	3.5	kJ/m ²	ISO 180/1A

Thermal properties**ISO Data**

	Value	Unit	Test Standard
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	150	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**ISO Data**

	Value	Unit	Test Standard
Comparative tracking index	600	-	IEC 60112

ASTM Data

Surface Resistivity	1E14	Ohm	ASTM D 257
Volume Resistivity	1E16	Ohm*cm	ASTM D 257

Other properties

	Value	Unit	Test Standard
Water absorption	0.03	%	Sim. to ISO 62
Humidity absorption	0.01	%	Sim. to ISO 62
Density	1030	kg/m ³	ISO 1183

Characteristics**Additives**

Lubricants

Features

Homopolymer

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe