

**Witcom POM-C-2008/325**

POM

Wittenburg B.V.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	2.2	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	55	MPa	ISO 527
Strain at break	7.5	%	ISO 527
Flexural modulus, 23°C	3200	MPa	ISO 178
Flexural strength	75	MPa	ISO 178
Izod impact strength, +23°C	55	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	5.5	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	105	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	0.8	%	Sim. to ISO 62
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1590	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Features**

Copolymer

**Regional Availability**

Europe