

**MAGNUM™ 3904 Smooth LP**

ABS

Trinseo

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>4.7</b>	g/10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
Molding shrinkage, parallel	<b>0.4</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>1820</b>	MPa	ISO 527
Yield stress	<b>37</b>	MPa	ISO 527
Yield strain	<b>2.6</b>	%	ISO 527
Flexural modulus, 23°C	<b>1900</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>28</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Vicat softening temperature, B	<b>97</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5</b>	mm	-
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>3.0</b>	mm	-
<b>Other properties</b>			
Density	<b>1050</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Other Extrusion, Thermoforming

**Special Characteristics**

High impact or impact modified

**Features**

Color Stability

**Applications**

Automotive

**Regional Availability**

North America