

**Starflam M10004A**

PP

Eurostar Engineering Plastics

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2300</b>	MPa	ISO 527
Yield stress	<b>29</b>	MPa	ISO 527
Yield strain	<b>4.2</b>	%	ISO 527
Flexural modulus, 23°C	<b>2100</b>	MPa	ISO 178
Izod impact strength, +23°C	<b>15</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>4</b>	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	<b>68</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>108</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>108</b>	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1020</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Special Characteristics**

Flame retardant