

**Starflam R10002E**

(PA66+PA6)

Eurostar Engineering Plastics

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>3400</b>	MPa	ISO 527
Yield stress	<b>75</b>	MPa	ISO 527
Strain at break	<b>5</b>	%	ISO 527
Flexural modulus, 23°C	<b>3500</b>	MPa	ISO 178
Izod impact strength, +23°C	<b>60</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>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>80</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>200</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>0.4</b>	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.8</b>	mm	-
<b>Other properties</b>			
Density	<b>1170</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Features**

Low Odor

**Delivery form**

Pellets

**Regional Availability**

Europe

**Special Characteristics**

Flame retardant