

**Starflam AFR560B5**

PA66-(MX+GF)

Eurostar Engineering Plastics

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>8700</b>	MPa	ISO 527
Stress at break	<b>76</b>	MPa	ISO 527
Strain at break	<b>1.6</b>	%	ISO 527
Flexural modulus, 23°C	<b>8500</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>4</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength Temperature	<b>2</b>	kJ/m <sup>2</sup>	ISO 180/1A
	<b>-40</b>	°C	-

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>258</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>257</b>	°C	ISO 306
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.75</b>	mm	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Comparative tracking index	<b>400</b>	-	IEC 60112

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1600</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