

Staramide BG6ST01

PA6-GF

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7900	MPa	ISO 527
Stress at break	138	MPa	ISO 527
Strain at break	5	%	ISO 527
Izod notched impact strength, +23°C	13	kJ/m ²	ISO 180/1A
Izod notched impact strength	8	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	27	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	87	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1350	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Low Odor

Delivery form

Pellets

Regional Availability

Europe

Special Characteristics

High impact or impact modified