

Staramide BG3ST42

PA6

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5200	MPa	ISO 527
Yield stress	94	MPa	ISO 527
Strain at break	8	%	ISO 527
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
Izod notched impact strength	7	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	165	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	52	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	102	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	500	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	5	%	Sim. to ISO 62
Density	1200	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Features

Low Odor

Regional Availability

Europe