

Staramide BG2ST43

PA6-GF

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4200	MPa	ISO 527
Stress at break	75	MPa	ISO 527
Strain at break	10	%	ISO 527
Izod notched impact strength, +23°C	20	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	13	kJ/m ²	ISO 180/1A
	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	145	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	180	°C	ISO 75-1/-2
Vicat softening temperature, B	170	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.75	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	575	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	6	%	Sim. to ISO 62
Density	1170	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