

Staramide RF00ASXP

PA66-GF50

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15400	MPa	ISO 527
Stress at break	210	MPa	ISO 527
Strain at break	2.4	%	ISO 527
Flexural modulus, 23°C	14100	MPa	ISO 178
Izod impact strength, +23°C	80	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	246	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	259	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	26	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	84	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Other properties			
Water absorption	0.7	%	Sim. to ISO 62
Density	1570	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Low Odor

Delivery form

Pellets

Regional Availability

Europe

Special Characteristics

Heat stabilized or stable to heat