

Staramide RFC16
(PA66+PA6)-(GF+CF)

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9000	MPa	ISO 527
Yield stress	141	MPa	ISO 527
Yield strain	2.9	%	ISO 527
Flexural modulus, 23°C	7900	MPa	ISO 178
Izod impact strength, +23°C	55	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	211	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	19	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	91	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1360	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

Europe