

Staramide ALY540A

PA66-(GF+MX)

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4200	MPa	ISO 527
Stress at break	70	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	3800	MPa	ISO 178
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	3	kJ/m ²	ISO 180/1A
	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	165	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	218	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	45	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	60	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	5.5	%	Sim. to ISO 62
Density	1240	kg/m ³	ISO 1183

Characteristics**Processing**

Other Extrusion

Features

Low Odor

Delivery form

Pellets

Regional Availability

Europe