

Staramide PX08000

PA6

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Stress at break	44	MPa	ISO 527
Strain at break	3.9	%	ISO 527
Flexural modulus, 23°C	1900	MPa	ISO 178
Izod impact strength, +23°C	N	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	57	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	151	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	102	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	99	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	2.2	%	Sim. to ISO 62

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Low Odor

Delivery form

Pellets

Regional Availability

Europe

Special Characteristics

High impact or impact modified