

Starpulen MX05038

TPE

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1400	MPa	ISO 527
Yield stress	16	MPa	ISO 527
Yield strain	4.3	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Izod impact strength, +23°C	105	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	58	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	96	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	109	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	135	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1090	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Low Odor, Copolymer, Impact Copolymer

Delivery form

Pellets

Regional Availability

Europe