



TEREZ POM 8710

POM

Ter Plastics

Product Texts

Standard quality with good flowability, medium impact resistance and high vibration damping properties.
For injection moulding applications.

Rheological properties

ISO Data	Value	Unit	Test Standard
Melt flow index, MFI	18	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133

Mechanical properties

ISO Data	Value	Unit	Test Standard
Tensile Modulus	1600	MPa	ISO 527-1/-2
Tensile Strength	40	MPa	ISO 527-1/-2
Yield stress	40	MPa	ISO 527-1/-2
Yield strain	12	%	ISO 527-1/-2
Strain at break	40	%	ISO 527-1/-2
Charpy impact strength (+23°C)	170	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA

Thermal properties

ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	80	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	120	°C	ISO 306

Other properties

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