


TEREZ ASA 8010

ASA

Ter Plastics

Product Texts

High flow general standard grade.

For all kinds of application with impact strength characteristics.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	18	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	1960	MPa	ISO 527-1/-2
Tensile Strength	59	MPa	ISO 527-1/-2
Yield stress	47	MPa	ISO 527-1/-2
Strain at break	12	%	ISO 527-1/-2
Charpy impact strength (+23°C)	190	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	12	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	85	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	101	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	97	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Water absorption	0.45	%	Sim. to ISO 62
Density	1060	kg/m ³	ISO 1183