


TEREZ ABS 5010

ABS

Ter Plastics

Product Texts

 Standard quality with good flowability.
 For all kind of moulding parts.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	16	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2200	MPa	ISO 527-1/-2
Yield stress	46	MPa	ISO 527-1/-2
Yield strain	2.4	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	19	kJ/m²	ISO 179/1eA
Charpy notched impact strength, -30°C	10	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	2300	MPa	ISO 178
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	100	°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			
Density	1050	kg/m³	ISO 1183