


TEREZ ABS 1010 TR

ABS

Ter Plastics

Product Texts

 Transparent standard ABS
 Moulding parts of all kind

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	2300	MPa	ISO 527-1/-2
Yield stress	48	MPa	ISO 527-1/-2
Charpy impact strength (+23°C)	150	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	3	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	73	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	94	°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	1100	kg/m ³	ISO 1183

Characteristics
Processing

Injection Molding

Special Characteristics

Transparent

Delivery form

Pellets

Features

Amorphous, Low Warpage

Additives

Release agent

Applications

IT / Business Machine, Encapsulation, Packaging, Sports Equipment