



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

Value

Unit

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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

Value

Unit

Test Standard

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

Value

Unit

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Density	1100	kg/m ³	ISO 1183
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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