



<b>TEREZ ABS 1010 TR</b>			
<b>ABS</b>		Ter Plastics	
<b>Product Texts</b>			
Transparent standard ABS Moulding parts of all kind			
<b>Rheological properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	16	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133
<b>Mechanical properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2300	MPa	ISO 527-1/-2
Yield stress	48	MPa	ISO 527-1/-2
Charpy impact strength (+23°C)	150	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	70	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	3	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
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
<b>Other properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Density	1100	kg/m <sup>3</sup>	ISO 1183
<b>Characteristics</b>			
<b>Processing</b>		<b>Special Characteristics</b>	
Injection Molding		Transparent	
<b>Delivery form</b>		<b>Features</b>	
Pellets		Amorphous, Low Warpage	
<b>Additives</b>		<b>Applications</b>	
Release agent		IT / Business Machine, Encapsulation, Packaging, Sports Equipment	