



<b>TEREZ PA/ABS Blend 3610/5</b>			
<b>(PA6+ABS)</b>		Ter Plastics	
<b>Product Texts</b>			
Impact resistant PA/ABS Blend with requirements well flow characteristics For all kind of injection molding parts with increased low-temperature impact strength			
<b>Rheological properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Melt flow index, MFI	38	g/10min	ISO 1133
MFI temperature	260	°C	ISO 1133
MFI load	5	kg	ISO 1133
<b>Mechanical properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Tensile Modulus	2200	MPa	ISO 527-1/-2
Tensile Strength	55	MPa	ISO 527-1/-2
Strain at break	40	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	38	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	62	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	150	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	120	°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>ISO Data</b>			
Water absorption	7	%	Sim. to ISO 62
Humidity absorption	2.2	%	Sim. to ISO 62
Density	1080	kg/m <sup>3</sup>	ISO 1183