



<b>TEREZ ABS 3016 A</b>			
<b>ABS</b>		Ter Plastics	
<b>Product Texts</b>			
Easy flowing ABS with good impact resistance and antistatic equipment. For moulding parts with low wall thickness and / or unfavourable flow distance / wall thickness relation.			
<b>Rheological properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Melt flow index, MFI	34	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>ISO Data</b>			
Tensile Modulus	2300	MPa	ISO 527-1/-2
Yield stress	44	MPa	ISO 527-1/-2
Yield strain	2.4	%	ISO 527-1/-2
Strain at break	12	%	ISO 527-1/-2
Charpy impact strength (+23°C)	125	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	19	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)	94	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	99	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	102	°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>Electrical properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Volume resistivity	1E13	Ohm*m	IEC 60093
Comparative tracking index	550	-	IEC 60112
<b>Other properties</b>		<b>Value</b>	<b>Unit</b>
<b>ISO Data</b>			
Water absorption	0.95	%	Sim. to ISO 62
Humidity absorption	0.24	%	Sim. to ISO 62
Density	1040	kg/m <sup>3</sup>	ISO 1183
<b>Characteristics</b>			
<b>Processing</b>		<b>Features</b>	
Injection Molding		Amorphous	
<b>Delivery form</b>		<b>Applications</b>	
Pellets		Automotive, IT / Business Machine, Encapsulation, Packaging, Sports Equipment	
<b>Special Characteristics</b>			
Anti-static			