

**4LEX 10F23100 X**

PC

4Plas

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, normal	<b>0.5</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2350</b>	MPa	ISO 527
Stress at break	<b>60</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Izod notched impact strength, +23°C	<b>65</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>10</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-30</b>	°C	-

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>150</b>	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	<b>145</b>	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	<b>135</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>136</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>148</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
Yellow Card available	<b>yes</b>	-	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>&gt;1E13</b>	Ohm*m	IEC 62631-3-1
Comparative tracking index	<b>250</b>	-	IEC 60112
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>17</b>	kV/mm	ASTM D 149
Arc Resistance	<b>30</b>	s	ASTM D 495

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1200</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Flame retardant

**Regional Availability**

Europe