

**TechnoFin PP LR 23 natural**

PP-X23

TechnoCompound GmbH

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>5</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1200</b>	MPa	ISO 527
Yield stress	<b>22</b>	MPa	ISO 527
Yield strain	<b>5.5</b>	%	ISO 527
Stress at break	<b>22</b>	MPa	ISO 527
Strain at break	<b>9</b>	%	ISO 527
Flexural modulus, 23°C	<b>1180</b>	MPa	ISO 178
Flexural strength	<b>28</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>8.19</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>4.21</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	<b>41</b>	MPa	ISO 2039-1

<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	<b>50</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>84</b>	°C	ISO 75-1/-2

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Surface resistivity	<b>10000</b>	Ohm	IEC 62631-3-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1030</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Natural Color

**Regional Availability**

North America, Europe