

**Product Texts**

Unfilled Polyamide 6 standard quality, low-viscosity and good flowability.  
Good for high flow path and short cycle times.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>3200</b>	MPa	ISO 527
Tensile Strength	<b>80</b>	MPa	ISO 527
Yield stress	<b>85</b>	MPa	ISO 527
Yield strain	<b>4</b>	%	ISO 527
Strain at break	<b>20</b>	%	ISO 527
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>8</b>	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	<b>65</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>175</b>	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>V-2</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Relative permittivity, 100Hz	<b>3.4</b>	-	IEC 62631-2-1
Relative permittivity, 1MHz	<b>3.1</b>	-	IEC 62631-2-1
Volume resistivity	<b>1E15</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E15</b>	Ohm	IEC 62631-3-2
Comparative tracking index	<b>550</b>	-	IEC 60112

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>10</b>	%	Sim. to ISO 62
Humidity absorption	<b>2.8</b>	%	Sim. to ISO 62
Density	<b>1130</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe