

**Product Texts**

The production of Recomyde generates 90% less CO2 emissions than standard PA compounds.

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.3 / *</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.4 / *</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>9500 / 6000</b>	MPa	ISO 527
Tensile Strength	<b>150 / 95</b>	MPa	ISO 527
Strain at break	<b>2.5 / 5</b>	%	ISO 527
Flexural modulus, 23°C	<b>8000 / 5000</b>	MPa	ISO 178
Flexural strength	<b>200 / 130</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>50 / 75</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>8 / 10</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>222 / *</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>200 / *</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>215 / *</b>	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5 / *</b>	mm	-

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>6.7 / *</b>	%	Sim. to ISO 62
Humidity absorption	<b>2.1 / *</b>	%	Sim. to ISO 62
Density	<b>1360 / -</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Certifications**

Recycled Resin Content, ISCC Plus

**Regional Availability**

Europe