

**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	1.0 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1 / *	%	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	2200 / 1000	MPa	ISO 527
Tensile Strength	45 / 30	MPa	ISO 527
Strain at break	20 / >50	%	ISO 527
Flexural modulus, 23°C	2000 / 900	MPa	ISO 178
Flexural strength	60 / 30	MPa	ISO 178
Charpy impact strength, +23°C	N / N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	55 / N	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	222 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	130 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	8.2 / *	%	Sim. to ISO 62
Humidity absorption	2.3 / *	%	Sim. to ISO 62
Density	1080 / -	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Certifications**

Recycled Resin Content, ISCC Plus

**Regional Availability**

Europe