

Product Texts

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

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

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	14000 / 10000	MPa	ISO 527
Tensile Strength	170 / 120	MPa	ISO 527
Strain at break	2 / 4	%	ISO 527
Flexural modulus, 23°C	12000 / 8000	MPa	ISO 178
Flexural strength	230 / 150	MPa	ISO 178
Charpy impact strength, +23°C	65 / 90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12 / 20	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-

Other properties	dry / cond	Unit	Test Standard
Water absorption	4.5 / *	%	Sim. to ISO 62
Humidity absorption	1.5 / *	%	Sim. to ISO 62
Density	1560 / -	kg/m ³	ISO 1183

Characteristics

Certifications

Recycled Resin Content, ISCC Plus

Regional Availability

Europe