



Curv™ - Self Reinforced Polypropylene

A new generation thermoplastic composite

Curv™ is a novel material made from Polypropylene that combines the versatility and recyclability of a 100% thermoplastic with the high performance of a fibre reinforced composite. High stiffness, high tensile strength and outstanding impact resistance at low density are the remarkable properties of these material.

Technical data: Curv™ - Type C100A

Product: Polypropylene/Polypropylene Thermoformable Composite

Technical Properties

Tensile Modulus	DIN EN ISO 527	4200 N/mm ²
Tensile Strength	DIN EN ISO 527	120 N/mm ²
Flexural Modulus	DIN EN ISO 178	3500 N/mm ²
Charpy Impact [20°C, 4 J]	DIN EN ISO 179	*nb kJ/m ²
Charpy Impact [-40°C, 4 J]	DIN EN ISO 179	*nb kJ/m ²
Vicat Softening Temperature [50K/h]	DIN EN ISO 306	175 °C

* nb: no break

Sheet Dimensions

Thickness	0.3 – 3.0 mm
Available Width	up to 1360 mm
Standard Lengths	Any length up to 3 meters thinner sheets available on roll
Colour	Standard – black other colours subject to minimum volume

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