



Technical Data Sheet

Umincorp PP
Polypropylene

Product description

Umincorp PP is typically used for non-food grade injection moulding applications.

Product characteristics

Test Method used	ISO
Processing method	Injection Moulding
Features	100% recycled material

	Test Method	Unit Value¹
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Typical Properties

Physical

Melt flow rate (MFR) 230 °C / 2.16 kg	ISO 1133	16.8 g/10min
Density	ISO 1183	916 kg/m ³
Ash content (600 °C)	ISO 3541-1A	0.87 %

Mechanical Properties

Maximum Tensile Strength (23 °C)	ISO 527-2 type 1A, 50 mm/min	26,5 MPa
Tensile Modulus (23 °C)	ISO 527-2 type 1A, 1 mm/min	1190 MPa
Tensile strain @ yield	ISO 527-2 type 1A, 50 mm/min	8.2 %
Tensile strain @ break	ISO 527-2 type 1A, 50 mm/min	16.4 %

Impact Properties

Charpy Notched (23 °C)	ISO 179 / 1	6.5 C kJ/m ²
Charpy Notched (-30 °C)	ISO 179 / 1	2.1 C kJ/m ²

¹ Unit values are typical values, not to be construed as specifications