



Polypropylene
For injection Moulded Products

RPD1003K

Description

Recycled Polypropylene
Color: White

Applications

Suitable for injection moulding applications

Technical Properties

		Method	Unit	Value*
Density		ISO 1183	gr/cm ³	0,98-1,03
Melt Flow Index	(190°C/2.16 kg)	ISO 1133	gr/10min	25-35
Tensile Strength at Break	(50 mm/min)	ISO 527	Mpa	18-22
Tensile Strength at Yield	(50 mm/min)	ISO 527	Mpa	16-18
Elongation at Break	(50 mm/min)	ISO 527	%	>50
Tensile Modulus	(50 mm/min)	ISO 527	Mpa	800-1200
Hardness	(+23°C)	ISO 868	Shore D	68
Izod notched Impact Strength	(+23°C)	ISO 180/1A	kJ/m ²	3-5

** Values are obtained from POLIPRO laboratory injection moulded ISO samples cannot be used directly to determine end-use or design specification. Datasheet values represent a statistical average of product properties and they may change with increasing data points.*

Processing

Drying 3 hours at 80°C
Injection Temperatures 210 – 250°C
Mould Temperature 30 – 50°C