



Polypropylene
For injection Moulded Products

RPC3002K

Description

Recycled Polypropylene
Color: Off-White

Applications

Suitable for injection moulding applications

Technical Properties

		Method	Unit	Value*
Density		ISO 1183	gr/cm ³	1,01-1,04
Melt Flow Index	(190°C/2.16 kg)	ISO 1133	gr/10min	>13,00
Tensile Strength at Break	(50 mm/min)	ISO 527	Mpa	17-20
Tensile Strength at Yield	(50 mm/min)	ISO 527	Mpa	15-17
Elongation at Break	(50 mm/min)	ISO 527	%	>50,00
Tensile Modulus	(50 mm/min)	ISO 527	Mpa	700-900
Hardness	(+23°C)	ISO 868	Shore D	>68
Izod notched Impact Strength	(+23°C)	ISO 180/1A	kJ/m ²	>4

** 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