

Polypropylene

For injection Moulded Products

CC2003K

Description

Recycled Polypropylene
Color: Beige

Applications

Suitable for injection moulding applications

Technical Properties

		Method	Unit	Value*
Density		ISO 1183	gr/cm ³	1,03-1,06
Melt Flow Index	(190°C/2.16 kg)	ISO 1133	gr/10min	15-20
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	%	>100,0
Tensile Modulus	(50 mm/min)	ISO 527	Mpa	800-1000
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