

Recycled Polypropylene

For extrusion and injection Moulded Products

RPB9021K

Description

Recycled Polypropylene
Color: Black

Applications

Extrusion and Injektion moulded materials

Technical Properties

		Method	Unit	Value*
Density		ISO 1183	gr/cm ³	0,91-0,96
Melt Flow Index	(190°C/2.16 kg)	ISO 1133	gr/10min	5-9
Tensile Strength at Break	(50 mm/min)	ISO 527	Mpa	>18,00
Tensile Strength at Yield	(50 mm/min)	ISO 527	Mpa	>16,00
Elongation at Break	(50 mm/min)	ISO 527	%	> 50,00
Tensile Modulus	(50 mm/min)	ISO 527	Mpa	>750,00
Hardness	(+23°C)	ISO 868	Shore D	>69
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