

Polypropylene
For injection Moulded Products

RPB9061K

Description

Polypropylene Compound
Color:Black

Applications

Suitable for injektion 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	>6,00
Tensile Strength at Break	(50 mm/min)	ISO 527	Mpa	17-20
Tensile Strength at Yield	(50 mm/min)	ISO 527	Mpa	14-17
Elongation at Break	(50 mm/min)	ISO 527	%	200-400
Tensile Modulus	(50 mm/min)	ISO 527	Mpa	>700,00
Hardness	(+23°C)	ISO 868	Shore D	67-68
Izod notched Impact Strength	(+23°C)	ISO 180/1A	kJ/m ²	>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