

Polypropylene  
For injection Moulded Products

**CB9003K**

## Description

Recycled based polypropylene compound: CB9003K is a medium fluidity polypropylene impact copolymer with high impact strength.

Color: Black

## Applications

CB9003K is a recycle polypropylene compound, Suitable for injektion moulding applications. Potential applications include houseware, furniture, pails, containers and crates.

## Technical Properties

		Method	Unit	Value*
Density		ISO 1183	gr/cm <sup>3</sup>	0,96
Melt Flow Index	(230°C/2.16 kg)	ISO 1133	gr/10min	>10,00
Tensile Strength at Break	(50 mm/min)	ISO 527	Mpa	19,00
Tensile Strength at Yield	(50 mm/min)	ISO 527	Mpa	15,00
Elongation at Break	(50 mm/min)	ISO 527	%	>300,00
Tensile Modulus	(50 mm/min)	ISO 527	Mpa	>700,00
Hardness	(+23°C)	ISO 868	Shore D	66-68
Izod notched Impact Strength	(+23°C)	ISO 180/1A	kJ/m <sup>2</sup>	>10,00

\* 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

