



## Technical Product Specification

### RePro™ | PPCPBK – Polypropylene Homopolymer PCR Resin

#### Product Description:

PPCPBK is a polypropylene Homopolymer grade. It is recommended for use in injection Moulding process for use in crates, furniture, and automotive components. It is available in black colours and is made from 100% Post-consumer waste. The material exhibits excellent impact resistance. This material is blended with required additives to enhance its performance.

**Suitable Uses:** Furniture, Automotive components, industrial products and PP Sheets.

#### Product Photo:



#### Typical Properties:

Property	Reference Standard	Typical value	Unit
Melt Flow Index	ASTM D1238 (230° C/2.16 kg)	5-7	g/10 min
Density (23°C)	ASTM D792	0.930 to 0.960	g/ cm <sup>3</sup>
Ash content	ASTM D5630 (800°C)	<10	%
Tensile Strength Yield	ASTM D638	8	MPa
Elongation at break	ASTM D638	8	%
Filter mesh	-	120	Mesh/Sq In
Colour & Appearance	Visual	Black	-

**Storage:** Material should be stored in dry/room temperature (below 50°C) and protected from direct sun light.

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Signed: