



Technical Product Specification

RePro™ | PPB20 – Polypropylene Copolymer PCR Resin

Product Description:

PPB20 is a 100 % PIR resin coming from automotive components feedstock. PPB20 is recommended for making High performance injection moulded articles. The material exhibits good processability with excellent mechanical properties. It is currently available in black colour.

Suitable Uses: High performance injection moulded articles.

Product Photo:



Typical Properties:

Property	Reference Standard	Typical value	Unit
Melt Flow Index	ASTM D1238 (230° C/2.16 kg)	30-35	g/10 min
Density (23°C)	ASTM D792	1.020 to 1.070	g/ cm ³
Ash content	ASTM D5630 (800°C)	20-22	%
Flexural Strength	ASTM D790	19.00	MPa
Flexural Modulus	ASTM D790	>1400	MPa
Izod Impact Strength – Notched	ASTM D256	32	kJ/m ²
Hardness	ASTM D2240	64	Shore D
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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