



Technical Product Specification

RePro™ | PPH03 – Polypropylene Homopolymer Formulated Resin

Product Description:

PPH03 is a Post-Consumer Recycled (PCR) material. PPH03 is recommended for making raffia tapes, used in making woven fabrics for sacks, industrial packaging and geo textiles applications. The material exhibits good processability with excellent mechanical properties. This material is blended with required additives to enhance its performance. It is currently available in blue colour, however customised colour options are available on request.

Suitable Uses: Woven fabrics, sacks and monofilaments.

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	0.980-1.200	g/ cm ³
Ash content	ASTM D5630 (800°C)	<15	%
Flexural Strength	ASTM D790	25	MPa
Flexural Modulus	ASTM D790	>1500	MPa
Charpy Impact Strength – Notched	ASTM D6110	5.5	kJ/m ²
Izod Impact Strength – Notched	ASTM D256	5.0	kJ/m ²
Hardness	ASTM D2240	70	Shore D
Filter mesh	-	120	Mesh/Sq In
Colour & Appearance	Visual	Blue	-
PCR Content	NA	100	%

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Product Photo:



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