



Technical Product Specification

RePro™ | PPH05 – Polypropylene Homo-polymer Resin

Product Description:

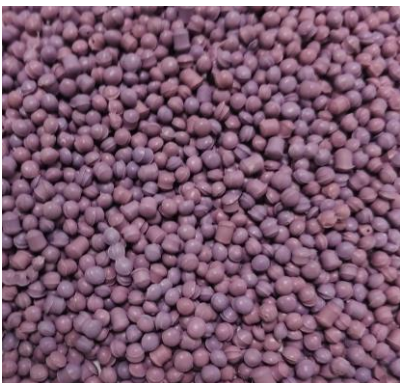
PPH05 is a polypropylene homo polymer grade 100% PCR material resin. PPH05 is recommended for making raffia tapes, used in making woven fabrics for sacks, industrial packaging and geo textiles applications. The material exhibits good processability with excellent mechanical properties. This material is blended with required additives to enhance its performance. It is currently available in purple 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)	5-9	g/10 min
Density	ASTM D792 (23°C)	0.980-1.200	g/ cm ³
Ash content	ASTM D5630 (800°C)	<15	%
Tensile Strength Yield	ASTM D638	18-23	MPa
Elongation at break	ASTM D638	>8	%
Flexural Strength	ASTM D790	20-25	MPa
Flexural Modulus	ASTM D790	>1300	MPa
Izod Impact Strength – Notched	ASTM D256	3.0	kJ/m ²
Hardness	ASTM D2240	70	Shore D
Filter mesh	-	120	Mesh/Sq In
Colour & Appearance	Visual	Purple	-

Product Photo:



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