

TECHNICAL DATA SHEET

EcoRepol™

ECO HP3WHT

RECYCLED HOMO POLYPROPYLENE WOVEN SACKS AND MONFILAMENT GRADE

Eco HP3WHT is White colored post-consumer recycled homo-polymer PP resin grade available in pellet form. Suitable for tape extrusion.

Typical Characteristics:

Property	Test Method	Unit	Typical Value*
Melt Flow Rate (230 °C/2.16 kg)	ASTM D1238	g/10 min	3 – 7
Density	ASTM D792	g/cc	0.90 – 0.95
Moisture Content	ASTM D6980	ppm	<2000
Tensile Strength at Break**	ASTM D638	MPa	>25
Elongation at Break**	ASTM D638	%	>300
Ash Content (550°C)	ASTM D5630	%	<5

* Typical values not to be taken as specification

** Mechanical Properties of injection molded specimen

Applications:

For use as a Post Consumer Recycled resin, recommended for mixing with virgin homo polymer PP grade resin. Recommended for making builder bags, FIBC bags, raffia bags, woven bags, geotextiles & industrial packaging applications.

Typical Process Conditions:

Extrusion Temperatures: 190 – 230°C

Note: Processing parameters mentioned above are for reference only and not to be considered as specifications. They may vary based on the product to be manufactured.