

TECHNICAL DATA SHEET

EcoRepol™

ECO CPI0GRY RECYCLED IMPACT COPOLYMER POLYPROPYLENE GENERAL PURPOSE INJECTION MOULDING GRADE

Eco CPI0GRY is Grey colored Post-Consumer Recycled impact co-polymer PP resin grade available in pellet form. Suitable for manufacturing injection moulded containers.

Typical Characteristics:

Property	Test Method	Unit	Typical Value*
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	8 – 16
Density	ASTM D792	g/ cc	0.90 – 0.95
Ash Content (550°C)	ASTM D5630	%	<5
Moisture Content	ASTM D6980	%	<0.2
Tensile Strength at Yield**	ASTM D638	MPa	>15
Flexural Modulus (1% Secant)**	ASTM D790	MPa	>700
Notched Izod Impact Strength**	ASTM D256	J/m	>110

* Typical values not to be taken as specification

** Mechanical Properties of injection moulded specimen

Applications:

For use as a Post Consumer Recycled resin to blend with virgin impact co-polymer PP Injection moulding grade resin. Recommended for making paint pails, lube containers & furniture.

Typical Process Conditions:

Injection Molding 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.