



Technical Product Specification

RePro™ | LDC – Recycled Post Consumer LDPE/LLDPE Resin

Product Description:

LDC is 100% Recycled post-consumer Linear Density Polyethylene (LDPE)/ Linear Low-Density Polyethylene (LLDPE) produced from mix packaging (Secondary Packaging).

Suitable Uses: Material is suitable for wide application of Extrusion Blown Film.

Typical Properties:

Property	Reference Standard	Typical value	Unit
Melt Flow Index	ASTM D1238 (190° C/2.16 kg)	0.90-1.20	g/10 min
Density (23°C)	ASTM D792/ASTM D 1505	0.925-0.935	g/cm ³
Ash content	ASTM D5630 (800°C)	<5	%
Tensile Strength-Yield(MD/TD)	IS 2508/ASTM D 882	15.0/8.5	MPa
Ultimate tensile strength (MD/TD)	IS 2508/ASTM D 882	19.5/16.0	MPa
Elongation at Break (MD/TD)	IS 2508/ASTM D 882	435/530	%
Dart Impact Strength(F50)	IS 2508/ASTM D 1709	2.5	g/micron
Filter mesh	-	120	Mesh/Sq In
Colour & Appearance	VISUAL	Green/Blue (Mix texture)	-

Note: Typical properties are measured on 30 micron film.

Storage: Material should be stored in dry/room temperature (below 50°c) and protected from direct sun light.

Product Photo:



Version: 1.0	Specification Date: 04/03/2025
Document No: LD- 001	Signed: