



# Technical Product Specification

## RePro™ | LDN 250 – Recycled consumer LDPE Resin

**Product Description:**

LDN 250 IS 100% recycled post-consumer Low Density Polyethylene (LDPE) 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)	0.8 – 1.2	g/10 min
Density (23°C)	ASTM D792	0.910 – 0.928	g/cm <sup>3</sup>
Ash content	ASTM D5630 (800°C)	<1	%
Moisture	Lucro standard	<0.2	%
Tensile Strength-Yield(MD/TD)	IS 2508/ASTM D 882	13/10	MPa
Ultimate tensile strength (MD/TD)	IS 2508/ASTM D 882	29/23	MPa
Elongation at Break (MD/TD)	IS 2508/ASTM D 882	560/760	%
Dart Impact Strength(F50)	IS 2508/ASTM D 1709	3	g/micron
Filter mesh	-	120	Mesh/Sq In
Colour & Appearance	VISUAL	Dull natural	-

**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:**



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