



Technical Product Specification

RePro™ | LLN 02 – Recycled consumer LLDPE Resin

Product Description:

LLN 02 is 100% recycled post-consumer Linear Low Density Polyethylene (LLDPE) produced from mix packaging waste (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)	1.5 – 2.5	g/10 min
Density (23°C)	ASTM D792	0.910 – 0.930	g/cm ³
Ash content	ASTM D5630 (800°C)	<1	%
Moisture	Lucro standard	<0.2	%
Tensile Strength-Yield(MD/TD)	IS 2508/ASTM D 882	12/10	MPa
Ultimate tensile strength (MD/TD)	IS 2508/ASTM D 882	30/25	MPa
Elongation at Break (MD/TD)	IS 2508/ASTM D 882	600/800	%
Dart Impact Strength(F50)	IS 2508/ASTM D 1709	3.2	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:



Version: 1.0	Specification Date: 29/10/2025
Document No: LUC-2345	Signed: