



Technical Product Specification

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

Product Description:

LDBK 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)	0.3-0.5	g/10 min
Density (23°C)	ASTM D792/ASTM D 1505	0.940-0.970	g/cm ³
Ash content	ASTM D5630 (800°C)	<10	%
Tensile Strength-Yield(MD/TD)	IS 2508/ASTM D 882	13.5/10.0	MPa
Ultimate tensile strength (MD/TD)	IS 2508/ASTM D 882	19.5/18.5	MPa
Elongation at Break (MD/TD)	IS 2508/ASTM D 882	470/690	%
Dart Impact Strength(F50)	IS 2508/ASTM D 1709	NA	g/micron
Filter mesh	-	80	Mesh/Sq In
Colour & Appearance	VISUAL	Black	-

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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