



Technical Product Specification

RePro™ | CSF01 – Recycled Post Consumer LDPE/LLDPE Resin

Product Description:

CSF01 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 Shrink Film.

Typical Properties:

Property	Reference Standard	Typical value	Unit
Melt Flow Index	ASTM D1238 (190° C/2.16 kg)	0.40-0.70	g/10 min
Density (23°C)	ASTM D792/ASTM D 1505	0.92-0.94	g/cm ³
Ash content	ASTM D5630 (800°C)	<2.5	%
Tensile Strength-Yield(MD/TD)	IS 2508/ASTM D 882	18.5/10.0	MPa
Ultimate tensile strength (MD/TD)	IS 2508/ASTM D 882	32.5/16.0	MPa
Elongation at Break (MD/TD)	IS 2508/ASTM D 882	515/880	%
Dart Impact Strength(F50)	IS 2508/ASTM D 1709		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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