



# Technical Product Specification

## RePro™ | CSF02 – Recycled Post Consumer LDPE/LLDPE Resin

### Product Description:

CSF02 is 100% Recycled post-consumer Linear Density Polyethylene (LDPE)/ Linear Low-Density Polyethylene (LLDPE) produced from mix packaging (Secondary Packaging).

**Suitable Uses:** For use in all Non-food contact Bottle applications in personal care, home care and Lube oils

### Typical Properties:

Property	Reference Standard	Typical value	Unit
Melt Flow Index	ASTM D1238 (190° C/2.16 kg)	0.5-0.9	g/10 min
Density (23°C)	ASTM D792/ASTM D 1505	0.920-0.950	g/cm <sup>3</sup>
Ash content	ASTM D5630 (800°C)	<2	%
Tensile Strength-Yield(MD/TD)	IS 2508/ASTM D 882	12.5/7.0	MPa
Ultimate tensile strength (MD/TD)	IS 2508/ASTM D 882	14.5/14.0	MPa
Elongation at Break (MD/TD)	IS 2508/ASTM D 882	250/750	%
Dart Impact Strength(F50)	IS 2508/ASTM D 1709	1.2	g/micron
Filter mesh	-	120	Mesh/Sq In
Colour & Appearance	VISUAL	Natural dull	-

**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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