

## Linear Low Density Polyethylene (LLDPE)

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Grade Basket - Typical Applications

Sector	Grade	Density* (Kg/m³) ASTM D1505	MFI* (I <sub>2</sub> ) (g/10 min.) ASTM D1238	Special Charateristics	Typical Applications
Films	F2001A	920	1.00	Good Process ability, Better Sealing, Higher Puncture Resistance, Greater Drawdown Capability, Higher tensile strength-Contains Anti-Oxidant. No Slip and No Anti Block additives	Stretch Films, Drip Laterals, Cling Films, Lamination Films, Liners, Co-extrusion films.
	F2001S	920	1.00	Good Process ability, Better Sealing, Higher Puncture Resistance, Greater Drawdown Capability, Higher tensile strength-Contains Anti-Oxidant, with Slip and Anti Block additives	Liquid Packaging Films, Heavy Duty Films, Multilayer Films, Carrier Bags, Drip Laterals, Agriculture films.
	F2002A	920	2.00	High Output-Contains Anti-Oxidant. No Slip and No Anti Block additives	Light and Medium Duty Film, Stretch Cling Film, air bubble films, drip lateral & XLPE cable compounds.
Roto Molding	T3804	938	4.00	Narrow MWD, Excellent Process ability, Good Impact Strength & Stiffness, Excellent Internal & External Surface Finish	Rotational Moulded products like Overhead water tanks, Loft Tanks, Septic Tanks, Chemical Storage Tanks, Toys, Furniture, Injection Moulded Technical Parts and Closure
	T3804U	938	4.00	UV Stabilized. Narrow MWD, Excellent Process ability, Good Impact Strength & Stiffness, Excellent Internal & External Surface Finish	For Rotational moulding applications requiring Outdoor Exposure
Lami-nation	E2507	927	7.00	Extrusion Coating Grade: Excellent Flow, Good Softness	Lamination for Woven sacks and tarpaulin fabric in blend with LDPE, base resin for XLPE cable compounds
Injection Molding	M2525	934	25.00	Excellent Flow Properties and Process ability, Very High Warpage Resistance	In masterbatches, housewares, Thin walled Food Containers, Lids, suitable for fast cycling applications
	M2550	934	50.00	Excellent Flow Properties and Process ability, Very High Warpage Resistance	Base Resin for Master batches, Moulding of Flat and Large Warpage Free Products / Lids, housewares













<sup>\*</sup> All values are given as Provisional; it should not be considered as Product Specification/Guaranteed Value. For MSDS, and any other product related enquiry, visit us at : www.pcaplindia.com