

Grade Basket – Typical Applications

Sector	OPaL Grade	Density* (Kg/m ³)	MFI * (g/10 min.) (I ₂)	Special Characteristics	Typical Applications
		ASTM D1505	ASTM D1238		
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
	F2002S	920	2.00	High Output - Contains Anti-Oxidant with Slip and Anti Block additives	Light and Medium Duty Films, blending with LDPE
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, tarpaulin in blend with LDPE
Injection Molding	M2525	932	25.00	Excellent Flow Properties and Process ability, Very High Warpage Resistance	Housewares, Thin walled Food Containers, Lids, suitable for fast cycling applications
	M2550	932	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
Drip Lateral	D2001S	920	1.10	High Output and good process ability Contains Anti-Oxidant with Slip and Anti Block additives	Drip laterals and general-purpose packaging film application.



* All values are given as Provisional; it should not be considered as Product Specification / Guaranteed Value.

For MSDS, and any other product related enquiry, contact us at polymers@opalindia.in