

Sector	Grade	Technology #	Density* (Kg/m <sup>3</sup> )	MFI* (I <sub>2</sub> ) (g/10min.)	Special Characteristics	Typical Applications
			ASTM D1505	ASTM D1238		
Blow Molding	B6003	S	961	0.35	Excellent Rigidity and Good Processability	Containers/bottles from 5L to 20L for Oil, Vanaspati & General purpose Packing
	B5004	S	950	0.40	Excellent ESCR and good external appearance	High ESCR Containers/Bottles up to 10L for Packing of Pesticides, Surfactants & Cosmetics, shampoo
	B55H02	S	955	0.20**	Good Impact strength, Rigidity, High ESCR & Low Parison Sag	Large Containers (More than 100L) for transport & Storage of Chemicals, L ring barrels.
	B55H03	S	955	0.35**	Good Impact strength, Rigidity, High ESCR & Low Parison Sag	Large Containers (upto 100L) for transport & Storage of Chemicals, Detergents, Lube Oil. Blow Moulded Water Tanks (upto 1000L).
Film	F52H04	S	952	0.25**	Excellent Processability at High Speed	Garment / Grocery/ Merchandise Bags, Disposal Waste Bags, Counter Bags, Shopping bags. etc.
Raffia / Monofilament	R5410	G	954	0.90	Excellent Processability & Tenacity	Raffia Tapes for Woven Sacks & Tarpaulin, Knitted nets for crop protection, "Raschel" sacks for vegetables, Ropes
	Y5710	G	957	1.00	Excellent Processability & Tenacity	Monofilament for Nets, Twines & Ropes



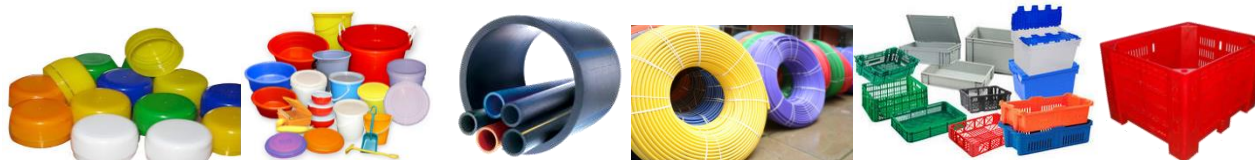
### # S- Slurry Process, G – Gas phase process

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

\*\*MFI at 5 kg load (I<sub>5</sub>).

**For MSDS, and any other product related enquiry, contact us at [polymers@opalindia.in](mailto:polymers@opalindia.in)**

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			ASTM D1505	ASTM D1238		
Injection Moulding	M5220	G	952	21.0	High Flow & Good Warpage Resistance	Housewares, Thin Walled Food Containers & Base Resin for Filler Master Batch
	M6008	G	960	8.0	Excellent Rigidity & Impact Strength, low warpage	Agriculture & Industrial Crates, Pellets, Helmets, Injection Moulded Caps & Closures
Pipes	P5002	S	950	0.90**	Excellent Processing - Meets PE-63 Requirements	Pipe Coating, Steel Pipe Lining and Submarine Cables, PE-63 pressure pipes for agriculture, sprinkler pipe
	P51H10	S	951	0.45**	Excellent ESCR, Mechanical Strength & Creep Resistance	Pipes for Water Supply (PE-80), Civil Engineering, Drainage, Water Heater, Chemicals, Corrugated Tubes & Pipes, Large diameter irrigation pipes
	P50H03	S	950	0.25**	Excellent ESCR, Mechanical Strength and Creep Resistance	Large Diameter Pipes, High Pressure (PE-100) Pipes for agriculture, Sewerage/Drainage Pipes, Water Pipes



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