

Sector	Grade	Technology	Density* (Kg/m ³)	MFI* (I ₂) (g/10 min.)	Special Characteristics	Typical Applications
			ASTM D1505	ASTM D1238		
Blow Moulding	B6003	S	962	0.35	Excellent Rigidity and Good Processability	Containers/bottles up to 20L for Oil, Vanaspati & General-purpose Packaging, jerry can etc.
	B5004	S	950	0.40	Excellent ESCR and good external appearance	High ESCR Containers/Bottles up to 5 L for Packing of Pesticides, Surfactants, Personal care products & Cosmetics, shampoo and cable compounds etc.
	B55H02	S	955	0.20**	Good Impact strength, Rigidity, High ESCR & Low Parison Sag	Large Containers (More than 100L) for transport & Storage of Chemicals, for blending purpose to manufacture large volume L ring barrels.
	B55H03	S	955	0.35**	Good Impact strength, Rigidity, High ESCR & Low Parison Sag	Medium volume Containers (upto 100L) for transport & Storage of Chemicals, Detergents, Lube Oil. Blow Moulded Water Tanks (upto 1000L).
Films	F52H04	S	952	0.25**	Excellent Processability at High Speed	Garment/Grocery/Merchandise Bags, Disposal Waste Bags, Counter Bags, Shopping bags. etc.
Raffia/ Monofilament	R5504	S	962	0.43	Mechanical Strength, Low Water Carry Over, Good Processability	Packing Straps, Woven Sack bags for industrial product packaging, Pond liners & Monofilament etc.
	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	0.90	Excellent Processability & Tenacity	Monofilament for Nets, Insect Screens, Twines & Ropes, Fishing, Mosquito, Agro Shade nets etc.
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	0.28**	Excellent ESCR, Mechanical Strength and Creep Resistance	Large Diameter Pipes, High Pressure (PE-100) Pipes for agriculture, Sewerage/Drainage Pipes, Water Pipes



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 I₂.

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