

Sector	Grade	Technology #	Density (Kg/m ³)	MFI (I ₂) (g/10min.)	Special Characteristics	Typical Applications
			ASTM D1505	ASTM D1238		
Blow Molding	B6106	S	961	0.60	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
	B5502	G	955	0.20	Good Rigidity and Processability, Good Impact Strength & ESCR	General purpose containers up to 30L for packaging of Chemicals, Oil & foodstuff.
	B52H06	G	952	0.06	HM Grade with High ESCR	Large Blow Moulded containers used for packaging of chemicals, industrial products
	B48H03	S	948	0.03	HM Grade with High Impact strength, good ESCR	Small Plastic Fuel Tank, General Purpose Extrusion
	B55H03	S	955	0.03	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 (up to 1000L).
Films	F5010	S	950	1.0	Good Processability & Clarity	General Purpose Packaging & Wrapping applications
	F52H04	S	952	0.04	Excellent Processability at High Speed	Garment / Grocery/ Merchandise Bags, Disposal Waste Bags, Counter Bags, Shopping bags. etc.
	F50H08	G	950	0.08	Excellent Down-gauging, High Tensile Strength & Stiffness	Super Market Carrier bag, Grocery bags
Raffia / Monofilament	R5504	S	955	0.40	Mechanical Strength, Low Water Carry Over, Good Processability	Fishing Nets, Insect Screens, Ropes, Cloth Yarns, Packing Straps, Woven Sacks for Fertilizer.
	R5410	G	954	0.90	Excellent Processability & Tenacity	Raffia Tapes for Woven Sacks & Tarpaulin, Knitted nets for crop protection, " Raschel" sacks for vegetables ,Ropes
	R5106	S	951	0.60	High tensile strength	Geo-Grid
	Y5008	S	950	0.85	Good Processability & Mechanical Strength	Woven sacks, fishing nets, mosquito nets, insect screens, agriculture nets etc.
	Y5808	S	958	0.80	High tear strength, Good Processability	Cloth Yarn, Woven Sacks, Tarpaulin
	Y5710	G	957	0.90	Excellent Processability & Tenacity	Monofilament for Nets, Twines & Ropes

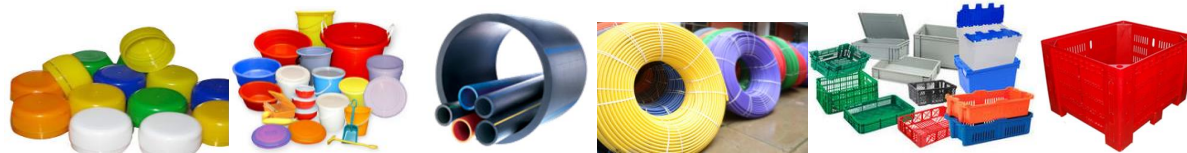


S- Slurry Process, G – Gas phase process

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			ASTM D1505	ASTM D1238		
Injection Moulding	M5203	G	952	2.5	High ESCR & Good Impact Strength, Low Warpage	Caps and Closures, Technical Parts, Bins
	M6405	S	964	5.0	Excellent Rigidity and Impact Strength	General Purpose and Industrial Crates, Vegetable/Fruit Containers, Tool Boxes, Shipping Crates/Pellets
	M5306	S	953	6.0	Excellent ESCR and Good Impact Strength.	General purpose, Automobiles Parts, Caps & Closures.
	M5306L	S	953	6.0	Different Stabilizer, Good Mechanical Properties.	General purpose Moulding, Caps & Closures, Caps for milk bottles
	M6008	G	960	8.0	Excellent Rigidity & Impact Strength, low warpage	Agriculture & Industrial Crates, Pellets, Helmets, Injection Moulded Caps & Closures
	M6008U	G	960	8.0	Excellent Rigidity & Impact Strength, low warpage	UV Stabilized, Agriculture & Industrial Crates, Pellets, suitable for outdoor uses
	M6112	S	961	12.0	High flow, good rigidity	Housewares, Baskets, Pails, Bucket, Caps & Closures, Extrusion Coating on HDPE fabrics (in blend with LLDPE/LDPE)
	M5618	S	956	18.0	High Flow Properties, Good Rigidity	Housewares, Thin Walled Drinking Cups/glasses, Toys, buckets
	M5220	G	952	21.0	High Flow & Good Warpage Resistance	Housewares, Thin Walled Food Containers & Base Resin for Filler Master Batch
	M5050	G	950	55.0	High Flow & Good Warpage Resistance	Housewares, Thin Walled Food Containers & Base Resin for Filler Master Batch
Pipes	P5402	G	954	0.20	Excellent Processing - Meets PE-63 Requirements	Suitable for Non-Pressure Pipes, Ducting Pipes, Drainage Pipes, Drip Laterals, etc.
	P4002	S	940	0.20	Excellent ESCR, Good Mechanical Strength, Medium Density	Pressure Pipe for Gas distribution (PE-80), Water Pipes
	P4402	S	944	0.24	Excellent ESCR, Good Process ability	Pipe Coating, Steel Pipe Lining and Submarine Cables, PE-63 pressure pipes for agriculture
	P4402U	S	944	0.24	UV Stabilized, Excellent ESCR, Good Processability	Telecom/Cable Ducts, PE-63 Pipe applications with outdoor exposure, Non-pressure general piping usage
	P51H10	S	951	0.10	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	0.03	Excellent ESCR, Mechanical Strength and Creep Resistance	Large Diameter Pipes, High Pressure (PE-100) Pipes for agriculture, Sewerage /Drainage Pipes, Water Pipes
Sheets	S5801	S	958	0.10	Rigidity, High ESCR, Less Draw-Down and Malleability	Tarpaulins, Geo-Membranes, Ski Soles, Linings of Bath-Tubs



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