

## PP Grade Slate : Spheripol Plant

FAMILY	SECTOR	GRADE	MFI (2)	SPECIAL CHARACTERISTICS	APPLICATIONS
HOMO	INJECTION MOULDING	1030MG	3	Good balance of impact and rigidity, Good processability	Industrial products, Household products
		1110MA	11	High flow and high rigidity, Very good gloss. 1110MA contains Anti Static agent	Rigid Packaging, Household articles, Furniture
		1250MG / 1250MA	25	High flow and high rigidity, very good gloss. 1250MA contains Anti Static agent	Thin wall containers & Multicavity moulding
	EXTRUSION BLOW MOULDING	1020EG	2	Good processability, Very good mechanical properties.	Small blow moulded bottles and containers, Box strapping, Sheet
	BOPP	1030FG	3	Gel free, Good stretchability and processability	General purpose & co-extruded BOPP film, Metallisable film
		1030FGP	3	Gel free, Good stretchability and excellent processability	General purpose & co-extruded BOPP film, good processability on high speed BOPP lines
	CAST FILM	1070FG	7	Good processability, stiffness, Excellent clarity and gloss	Cast films for packaging of flowers, textiles, Metallizable films
	TQ FILM	1100FS	10	Very good processability, Excellent gloss and clarity. Contains Slip and Antiblock.	TQ films for packaging of snack and bakery foods, Garment bags, Textiles over wraps
	RAFFIA	1030RG	3	Good processability, Low water carryover, Good balance of tenacity & elongation	Woven sacks, Fabric, Solid phase thermoforming
		1020RU	2	Good processability, Low water carryover, Good balance of tenacity & elongation, UV stabilized	Woven sacks for heavy duty application like FIBC
	FIBRE AND FILAMENT	1120YG	12	Good fluidity, Good spinning characteristics. High tensile properties	Spinning staple fiber and multi filament, carpet backing
		1250YG	25	Good melt strength, Stable extrusion even at high spinning speeds and stretch ratios	Low denier Bulk Continuous Fibres, CF and staple fibres. High tenacity continuous filament for straps. Low denier staple fibres for Spun bond non-woven
		1350YG	35	High melt flow, high speed production of fine denier fiber	Spun-bonded non-woven fabric for Diapers, Medical and sanitary tissues, Fine fiber yarn
RANDOM COPOLYMER	EXTRUSION BLOW MOULDING	2020EC	1.8	Very high clarity & Excellent processability, Good ESCR	Mono & multilayer sheet extrusion. Bottles for detergents, toiletries, Stationary folders, thermoforming articles
	EXTRUSION	2020EG	1.8	Excellent ESCR and processability, Good clarity	Mono & multilayer sheet extrusion. Bottles for detergents, toiletries, Stationary folders, thermoforming articles
	INJECTION MOULDING	2120MG	12	Good processability and gloss.	Injection moulding of housewares, & consumer packaging
	INJECTION MOULDING	2120MC	12	Excellent clarity & good processability	Rigid containers, Housewares, ISBM & Syringes
	INJECTION MOULDING	2450MG	45	Good flow characteristics, high clarity	Thin wall injection moulding, CD & DVD cases
IMPACT COPOLYMER	INJECTION MOULDING	3030MG	3	Medium flow, Good balance of stiffness and impact	Injection moulding of components for automobiles, appliances and Industrial products, Caps & Closures
	INJECTION MOULDING	4040MG	4	Medium flow with good processability, extremely high impact	Furnitures, Automotive components, Compounding
	INJECTION MOULDING	4080MG/ 4080MH	8	High flow, Very good processability, Long term heat aging	Industrial mouldings, Components requiring long heat exposure like automotive battery and under the hood components
	INJECTION MOULDING	3120MG	12	High flow, Good processability, Good balance of stiffness and impact	Housewares, Moulded furniture, Luggage shells
	INJECTION MOULDING	4120MN	12	High flow, Good processability and very high impact, Nucleated grade	Automotive components like bumper. Base resin for compounding
	EXTRUSION COATING	3250EG	25	High flow, Very good processability, Low neck-in	Extrusion coating onto PP raffia, paper etc. in blends with suitable grades of LDPE
	INJECTION MOULDING	3500MN	50	High flow, Good processability, Low warpage, Nucleated grade	Thin wall Injection Moulding, Appliances & Compounding