

Polypropylene - Homopolymer				
Sector	OPaL Grade	MFI (g/10 min.) (I ₂)	Special Characteristics	Typical Applications
		ASTM D1238		
Injection Moulding	MH03	3	General Purpose	Thermoforming Containers, Rigid Packaging, Flexible Packaging
	MH05K	5	Anti-Static	Heavy wall Parts, Consumer Products, Toothpaste Tubes, Closures, Housewares, Rigid Packaging
	MH12N	12	Nucleated, Antistatic	Closures, Lids, Furniture, Housewares, Rigid Packaging
	MH13	13.5	General Purpose	Thin parts/Fast moulding, Housewares, Consumer Products, Packaging
	MH23	23	High Flow	General Purpose, Very thin parts, Housewares, Consumer Products, Rigid Packaging
	MH25N	25	Nucleated, Anti-static	High Speed Moulding, Closures, Rigid Packaging, Housewares, Containers, Jars
	MH55N	55	Nucleated, Antistatic, High Flow	Consumer Products, Housewares, Thin-Wall Rigid, Packaging, Multi-Cavity Moulding, Media Packaging, Base resin for Compounding
Films (Tubular Quenched, Cast & BOPP)	FH10S	10	With Slip & Anti-block	TQPP: Water Quenched film, Merchandizing Bags, General purpose textile packaging, Grocery & Snack food packaging
	FH08S	8	With Slip & Anti-block	CPP Films, Flexible Packaging, Cheese Wrap, Bread Packaging
	FH03	3.4	BOPP: Tenter-Frame	Flexible Packaging, Overwrap, Metalized Films, Plain Textile films
Fibre & Tape	RH02Y	2	General Purpose	Thermoformed Sheet; Tape; Woven Bags; Twine etc.
	RH03	3.5	Low water carry-over, good balance of Tenacity-Elongation	Oriented structures (Stretched tapes), Cement/Fertilizer/Food grain packaging bags, Bulk industrial packaging (FIBC) etc.
	RH22U	23	UV Stabilized, Anti-Gas Fading	Continuous Filament, Caps and Closures, Consumer Products, staple fibres, multi filament yarns
	RH25X	25	Anti Gas fading, High Speed	Multi Filament Yarns, Spun-bond Non-Woven, Fine Denier Staple Fibres
	RH38	38	Anti Gas fading, High Flow	Spun-bond Non-Woven, High Speed Spinning, Fine Denier Fibres
Thermoforming Extrusion	EH03N	3	Nucleated, good stiffness and optical properties	Thermoforming Cups / Trays, rigid food containers, general purpose Injection moulding

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

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



Polypropylene – Impact Copolymer

Sector	OPaL Grade	MFI (g/10 min.) (I ₂)	Special Characteristics	Typical Applications
		ASTM D1238		
Injection Moulding	MI03	3.5	High Impact, Good Stiffness	Industrial Moulding, Furniture, Automotive Components
	MI08N	8	Nucleated, Antistat	Crates and Other Returnable Transport Packaging, Paint Pails, Lube Pails, Luggage & Furniture
	MI12NX	12	Nucleated, Anti-static, Good gloss	Industrial Moulding, Appliances, Automotive Parts, Houseware & Luggage
	MI15	15	Superior Impact, Balanced stiffness, Good flow	Industrial Moulding, Automotive Bumper Fascia, Air Dams, Exterior Trim, base resin for compounding
	MI20X	20	Nucleated, High Flow	Industrial Moulding, Compounding, Consumer products
	MI35V	35	Nucleated, High Flow	Auto Interior Trim, Air Ducts, Industrial large parts, Compounding
	MI44N	44	Nucleated, Antistatic	Housewares, Appliances, Rigid Packaging, Thin wall large parts
	MI70N	70	Nucleated, Antistatic	Thin Walled Injection Moulding, Rigid Packing for Dairy Products, Housewares, Caps & Closures
	MI100N	100	Nucleated, Antistatic, High Flow	Thin-Wall Rigid Packaging, Refrigerated Dairy Containers, Stadium Caps, High speed Injection moulding
Extrusion	EI01N	1.5	Nucleated, High Melt strength	Corrugated Sheet (Twin Walled Sheet), Corrugated Pipe and Fittings, Thermoforming, Blow Moulded containers
	EI02N	1.9	Nucleated, High Stiffness	Food service trays, containers, rigid packaging

Polypropylene – Random Copolymer

Injection Moulding	MR12C	12	Clarified, Antistatic	High Clarity Rigid Containers, Media Packaging, Housewares, Injection Stretch Blow Moulding
	MR20K	20	Clarified, Antistatic	Housewares, Rigid Packaging, Consumer Products
	MR35K	35	Clarified, Antistatic,	High Speed Molding, Rigid Packaging, Thin Wall Molding, Deli Containers, Housewares, media packaging, Stretch Blow Moulding
	MR53C	53	High Clarity, Antistatic	Thin-Walled Rigid Packaging, Consumer Products
Extrusion	ER00T/V	0.3	Good Stiffness/Impact, Long Term Heat Aging	Extruded Pipes, Sheets & Profile
	ER02C/N	2	Clarified, Antistatic	Extruded Sheet and Profiles, Thermoformed Packaging, Extrusion/Injection Blow Moulded Containers and Bottles

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

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

