



POLYPROPYLENE (PP) - Grades & Applications

Reliance Polymers offers a wide range of Homopolymer, Random Copolymer and Impact Copolymer grades in Polypropylene.

Homopolymer grades are available in a wide range of melt flows. They are carefully designed to suit the requirements of various applications like blow and injection moulding, BOPP films, woven sacks, FIBC and fibres.

Random Copolymer grades are designed keeping in mind the critical requirements of pipes and fittings and clarified applications in blow and injection moulding and ISBM.

Impact Copolymers are tailored to meet the requirements of various applications like furniture, paint pails, caps and closures, luggage, crates, appliances and compounding.

HOMOPOLYMER		
Grade	MFI g/10 min	Typical Applications
FILMS		
H029SG	2.9	General purpose BOPP film
H034SG	3.4	Plain & Metallisable BOPP film
H080EY	8.0	Textile over wraps, Garment bags, Snack food packaging
H100EY	10.0	
WOVEN SACKS & MONOFILAMENTS		
H026SG	2.6	High tenacity tapes FIBC, Ropes & twines
H030SG	3.4	Woven fabrics, Sacks & Monofilaments
AS030N	3.0	
SS35N	3.0	
EXTRUSION COATING		
H350EG	38.0	Extrusion Coating, Lamination
FIBRE & FILAMENT		
AS160N	16.0	Staple fibre & Multifilaments
H200FG	20.0	Multifilament yarn, Staple fibre
H230FG	25.0	BCF applications
H350FG	38.0	Fine fibre yarn, Non-woven fabric
EXTRUSION AND BLOW MOULDING		
H020EG	2.0	Sheets, Strappings, Tubings, Blow moulded containers
INJECTION MOULDING		
H050MN	5.0	Furniture & Rigid packaging
H110MA	10.0	Rigid packaging, Furniture & Housewares
AM120N	12.0	Industrial mouldings & Furniture
H200MA	25.0	Thin wall containers, Multicavity moulding
H200MK	20.0	Clear thin wall containers, Multicavity moulding, Syringes
AM650N	65.0	Thin walled injection moulded articles, Compounding

RANDOM COPOLYMER		
Grade	MFI g/10 min	Typical Applications
EXTRUSION AND BLOW MOULDING		
AER003N	0.3	Pipes, Fittings, Sheets & Thermoforming
SR20NC	1.9	High clarity bottles, Containers, Sheets
SR20NS	1.9	Blow moulding, Extrusion
INJECTION MOULDING		
R120MK	12.0	Clarified Random Copolymer - Rigid containers, Housewares, ISBM bottles, Syringes
SRM100NC	12.0	
T200MK	20.0	
SRM250NC	25.0	
IMPACT COPOLYMER		
EXTRUSION AND BLOW MOULDING		
C015EG	1.5	Sheets, Blow moulded containers
EXTRUSION COATING		
B250EG	25.0	Extrusion coating
INJECTION MOULDING		
B030MG	3.0	Furniture, Industrial products
AMI035N	3.5	
MI3530	3.5	
MI3535	3.5	Caps, Closures
C080MA	8.0	Furniture, Industrial products
C080MT	8.0	Batteries, Automotive
B120MA	12.0	Housewares, General purpose moulding
C120MN	12.0	Paint pails, Luggage, Industrial components
DI20MA	12.0	Automotive compounds
C200MN	20.0	Collapsible crates, Automotive compounds
B220MN	22.0	Appliances, Automotive
C320MN	32.0	Appliances, Automotive, Compounding
B400MN	35.0	Appliances, Automotive, Compounding
AMI400N	40.0	Thin wall moulding, Compounding
B550MN	55.0	Appliances, Compounding
B650MN	65.0	Appliances, Automotive, Compounding

Note: MFI (230°C/2.16 kg) g/10 min ASTM D1238



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