Polypropylene Pellets

PP HOMO Polypropylene Homopolymer

Grade	Mode of Processing	Polymer type	MFI, g/10 min	Flexural modulus, MPa	Special additives	Recommended applications	Key features
PP H030 GP	Yarn Extrusion	PP homo	3	1400	Basic stabilization	General purpose flat yarns and tapes	General purpose grade
PP H040 GP	Yarn Extrusion	PP homo	4	1300	Basic stabilization	General purpose flat yarns and tapes	General purpose grade
PP H120 GP	Injection Moulding	PP homo	12	1400	Basic stabilization	General purpose injection moulded articles; Medium-wall items	General purpose grades
PP H250 GP	Injection Moulding	PP homo	25	1400	Basic stabilization	General purpose, compounding, injection molding; Thin-walled applications with standard parameters	General purpose grades
SIBEX PP H031 BF	BOPP	PP homo	3	1400	Enhanced stabilization formula, does not contain metallic stearates	BOPP films, especially metallized both as monolayer and in coextruded structures	This grade ensures high production rates and process stability over a wide range of thicknesses and offers excellent optical properties and a stable profile of finished films
SIBEX PP H036 BF	BOPP	PP homo	3	1400	Enhanced stabilization formula, does not contain metallic stearates	BOPP films, especially metallized both as monolayer and in coextruded structures	This grade is phthalate-free, which is in line with the requirements of end consumers. High production rates and process stability over a wide range of thicknesses and offers excellent optical and strength properties.
SIBEX PP H085 CF	Cast Film	PP homo	8	1400	Slip and anti-blocking agents	Multilayer non-metallized CPP films for lamination, food and non-food packaging	Improved slip and antiblocking properties of finished film products; High gloss and transparency effect
PP H032 TF	Thermoform	PP homo	3	1600	Nucleator, anti-static additive	Seal trays, milk packaging, disposable tableware and other thermoforming products	A grade with enhanced mechanical as well as thermal properties supporting a higher production rate on thermoforming lines and improved product appearance
PP H263 FF	Non-woven	PP homo	27	1300	AGF stabiliser	Non-woven fabrics (Spunbond) for medical and hygiene application	Zero phthalate content, narrow molar mass distribution, good processability, colour stability in various environmental conditions and superior quality of end products
PP H350 FF	Non-woven	PP homo	35	1400	AGF stabiliser	Non-woven materials, thermally bonded and needled fabrics, agricultural textile, and hygienic materials	Resistance to color change under the environmental exposure
PP MG095 B **Medical grade*	Injection Moulding	PP homo	45	1800	Nucleating and antistatic agents	Cast products with high stiffness (syringe parts, containers, caps and lids)	Special grade for high-speed moulding with improved stiffness
PP MG153 B **Medical grade*	Injection Moulding	PP homo	45	1700	Special stabilization package with clarifying agent	Injection molding medical products with high rigidity and transparency, such as syringe barrels, diagnostic and laboratory containers	High transparency and balanced physical and mechanical properties

Bags on Form Fill Seal line

PP Copolymer Polypropylene Random / Block

Grade	Mode of Processing	Polymer type	MFI, g/10 min	Flexural modulus, MPa	Special additives	Recommended applications	Key features
SIBEX PP R003 EX	Pipe PPR	PP random	0.3	800	High degree of thermal stability	Pressure domestic pipes and water and heat supply systems	High degree of rigidity and impact resistance at low temperatures
PP MG012 D **Medical grade*	Blow moulding	PP random	1.8	900	Base formulation for stabilisation	Vials for infusion and injection solutions made with blow-fill-seal (BFS) technology	High chemical purity, tolerance to sterilisation temperatures of up to 121 °C, conformance to the European Pharmacopoeia standards
PP MG033 D **Medical grade*	Injection Moulding; Blow Moulding	PP random	8.5	1050	Base formulation for stabilisation	Vials for infusion and injection solutions made with ISBM (injection stretch blow moulding) technology	High chemical purity. Good processability
PP MG085 C **Medical grade*	Injection Moulding	PP random	40	950	Clarifying and antistatic agents, slip additives	Thin-walled cast products with high transparency (syringes, sample containers, tips)	Special grade for high-speed moulding with good melt flow properties and high speed of processing High surface gloss
SIBEX PP I122 IM	Injection Moulding	PP block	12	1350	Nucleator	Production of household goods, caps, toys, furniture and sports equipment. Thick-walled opaque applications	A special grade with rigidity and impact strength balance
SIBEX PP I452 IM	Injection Moulding	PP block	45	1500	Nucleator, anti-static additive	Thin-walled products, rigid opaque containers with low wrinkle.	A special grade for high-speed injection moulding with high processing rate, higher rigidity and low warping