

Grade Profiles: 25 kg Bag Packaging & Granules Visual Appearance

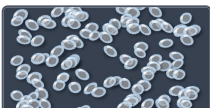
PP 500P | POLYPROPYLENE HOMOPOLYMER

Green Band

25 KG BAG DESIGN



GRANULES STATE (ACTUAL PHOTO)



Translucent Glassy Lenticular Pellets

Key Target: Raffia & woven tape extrusion (MFI: 3.1 g/10min, 230°C).

Applications: Woven sacks, FIBC bulk bags, strapping bands, geotextiles.

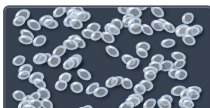
PP 520L | POLYPROPYLENE HOMOPOLYMER

Green Band

25 KG BAG DESIGN



GRANULES STATE (ACTUAL PHOTO)



High Optical Clarity Translucent Pellets

Key Target: Tubular Water-Quenched (TQ) film (MFI: 6.0 g/10min).

Applications: Garment bags, food packaging wrap, optical display film.

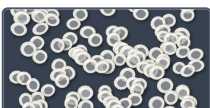
LDPE 4024 | LOW DENSITY POLYETHYLENE

Brown Band

25 KG BAG DESIGN



GRANULES STATE (ACTUAL PHOTO)



Translucent Milky / Waxy Spherical Pellets

Key Target: General blown film (MFI: 4.0 g/10min, Density: 0.924).

Applications: Light shrink film, carrier bags, pouches, liners.

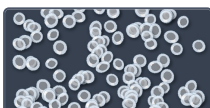
LLDPE 218WJ | LINEAR LOW DENSITY PE

Red Band

25 KG BAG DESIGN



GRANULES STATE (ACTUAL PHOTO)



Semi-Translucent Uniform Round Pellets

Key Target: Blown film w/ Slip & Antiblock (MFI: 2.0, Density: 0.918).

Applications: Lamination film, agricultural film, heavy-duty sacks.

HDPE FJ00952 | HIGH DENSITY POLYETHYLENE

Blue Band

25 KG BAG DESIGN



GRANULES STATE (ACTUAL PHOTO)



Solid Opaque Milky White Dense Pellets

Key Target: High MW Blown film (MFI: 0.05 / HLMI: 9.5, Density: 0.952).

Applications: T-shirt grocery bags, shopping carrier bags, trash liners.

PET BC211 | POLYETHYLENE TEREPHTHALATE

Grey Band

25 KG BAG DESIGN



GRANULES STATE (ACTUAL PHOTO)



Solid Crystalline Beige/White Resin Chips

Key Target: Bottle grade resin (IV: 0.80 ± 0.02 dL/g, Low Acetaldehyde).

Applications: Drinking water bottles, carbonated soft drinks, sheet.

Granules Technical Specifications & Physical Characteristics

Grade	Granule State & Optical Appearance	Cut / Shape Geometry	MFI / IV Rating	Base Density (g/cm³)	Tactile Feel & Processing Notes
PP 500P	Translucent / Semi-Clear (Glassy sheen)	Lens / oval underwater pellets (2.5–3.5 mm)	3.1 g/10min (230°C/2.16kg)	0.905	Hard, rigid surface; distinctive clinking sound when agitated; high tensile orientation properties.
PP 520L	High Clarity / Clear (Glassy sheen)	Uniform oval pellets (2.5–3.5 mm)	6.0 g/10min (230°C/2.16kg)	0.905	Smooth, rigid feel; optimized for rapid water-quench cooling with superior optical gloss.
LDPE 4024	Translucent Milky-White (Waxy luster)	Spherical / pillow pellets (3.0–4.0 mm)	4.0 g/10min (190°C/2.16kg)	0.924	Moderate softness; waxy tactile feel; yields slightly under firm fingernail pressure; excellent melt strength.
LLDPE 218WJ	Semi-Translucent White (Clearer than HDPE)	Cylindrical / rounded pellets (3.0–3.5 mm)	2.0 g/10min (190°C/2.16kg)	0.918	Smooth and pliable; formulated with Slip & Antiblock additives for easy web handling and puncture resistance.
HDPE FJ00952	Milky Opaque White (Non-transparent)	Small cylindrical / lens pellets (2.5–3.2 mm)	0.05 g/10min (HLMI: 9.5 @ 21.6kg)	0.952	Rigid, dense, and non-yielding; highest stiffness and barrier among PE grades; high molecular weight.
PET BC211	Solid Crystalline White / Creamy Beige	Cylindrical / cubical chips (2.0–3.0 mm)	0.80 ± 0.02 dL/g (Intrinsic Viscosity)	1.39 – 1.40	Extremely hard and crisp; hygroscopic (requires desiccated air pre-drying to <50 ppm moisture before extrusion).

Quality Assurance Note: All polymer grades listed are supplied as 100% prime virgin materials manufactured by SABIC. Packaging conforms strictly to international export standards (25 kg multilayer poly bags on shrink-wrapped pallets or sea-container bulk liners).