



JE24065

LINEAR LOW DENSITY POLYETHYLENE EXTRUSION COATING

JE24065 is a Butene comonomer based Linear Low Density Polyethylene (LLDPE), and designed for extrusion coating applications in blends with LDPE.

Additives details:

- Heat Stabilizer: Yes

TYPICAL CHARACTERISTICS*

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE**
Density (23°C)	ASTM D 792	g/cc	0.924
MFI (190°C / 2.16 Kg)	ASTM D 1238	g/10 min.	6.5
Tensile Strength at Yield	ASTM D 638	MPa	11
Ultimate Tensile Strength	ASTM D 638	MPa	15
Elongation at Break	ASTM D 638	%	740
Notched Izod Impact Strength (23°C)	ASTM D 256	J/m	530 (No break)
Flexural Modulus	ASTM D 790	MPa	250
Vicat Softening Point	ASTM D 1523	°C	102

* Typical characteristics and not to be taken as specifications

**Mechanical properties are on Injection Molded specimen.

APPLICATIONS:

Extrusion coating on HDPE woven fabric, Jute, Al foil etc.

Typical Process Conditions:

- Typical Process Temp (°C) - 180 – 240

Regulatory Information

- Meets the requirements stipulated in standard IS: I0146 on "Specification for Polyethylene for safe use in contact with foodstuffs, pharmaceuticals, and drinking water". It also conforms to IS 16738:2018 "Positive List of Constituents for Polypropylene, Polyethylene and their Copolymers for its Safe Use in Contact with Foodstuffs and Pharmaceuticals"
- The grade and the additives incorporated in it also comply with the FDA: CFR Title 21,177.1520, Olefin polymers.

Storage Recommendations

- Bags should be stored in dry/closed conditions at temperatures below 50°C and protected from UV / direct sunlight.