



E24065

LINEAR LOW DENSITY POLYETHYLENE EXTRUSION COATING GRADE

E 24065, is a butene comonomer based Linear Low Density Polyethylene. This grade is designed for extrusion coating applications. It offers excellent sealing properties, ESCR, t ion resistance in thin extrusion coatings.

Typical Characteristics*			
Property	Test Method	Unit	Typical Value**
Density (23°C)	ASTM D1505	g/cc	0.924
MFI (190°C/2.16 Kg)	ASTM D1238	g/10 min	6.5
Ultimate Tensile Strength (MD/TD)	ASTM D882	MPa	25/20
Elongation at Break (MD/TD)	ASTM D882	%	620/745
Tensile Yield Strength (MD/TD)	ASTM D882	MPa	12/11.5
Co-efficient of Friction	ASTM D1894	-	
Static			0.79
Dynamic			0.69

*Typical Characteristics and not to be taken as specifications

** Typical Values (Mechanical) with 40 μ film made with 1.8 mm die gap & 2.25 BUR

Applications

Coating on woven fabrics, paper aluminium foil.

Regulatory Information

- Meets the requirements stipulated in standard IS : 10146 on "Specification for Polyethylene for safe use in contact with foodstuffs, pharmaceuticals, and drinking water". It also conforms to the positive list of constituents as prescribed in IS : 10141. 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.