

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, tear strength and abrasion 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.