

RELENE® E24065

Linear Low Density Polyethylene

Reliance Industries Limited

Message:

E24065, 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.

General Information			
Features	Butene Comonomer Food Contact Acceptable Good Abrasion Resistance Good Tear Strength High ESCR (Stress Crack Resist.)		
Uses	Fabric Coatings Foil Coatings Paper Coatings		
Agency Ratings	FDA 21 CFR 177.1520 IS 10141-1982 IS 10146-1982		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic, Blown Film	0.69		
vs. Itself - Static, Blown Film	0.79		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,40 µm, Blown Film	12.0	MPa	
TD : Yield,40 µm, Blown Film	11.5	MPa	
MD : Break, 40 µm,Blown Film	25.0	MPa	
TD : Break, 40 µm,Blown Film	20.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm,Blown Film	620	%	
TD : Break, 40 µm,Blown Film	750	%	

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Recommended distributors for this material

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