

RELENE® 1070LA17

Low Density Polyethylene

Reliance Industries Limited

Message:

1070LA17 is an extrusion coating grade Low Density Polyethylene (LDPE) produced by high pressure autoclave process. This grade is specially developed for extrusion coating on different substrates and contains no additives. It exhibits excellent drawdown characteristics maintaining good adhesion, with very low neck-in even at high line speeds. It can also be easily processed into thin gauge films for adhesive lamination and heat pressure lamination.

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
	Good Drawdown		
	Good Processability		
	Low Neck-In		
Uses	Coating Applications		
	Film		
	Laminates		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10141-1982		
	IS 10146-1982		
Processing Method	Extrusion Coating		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break, 40 µm,Blown Film	18.0	MPa	
TD : Break, 40 µm,Blown Film	15.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm,Blown Film	250	%	
TD : Break, 40 µm,Blown Film	400	%	

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