

RELENE® LL20FA010

Linear Low Density Polyethylene

Reliance Industries Limited

Message:

LL20FA010 is a Butene Comonomer based Linear Low Density Polyethylene (LLDPE) without antiblock & slip additive. The grade is designed for manufacturing lamination films.

General Information			
Features	Butene Comonomer		
	Food Contact Acceptable		
Uses	Film		
	Laminates		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10141-1982		
	IS 10146-1982		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break, 40 µm,Blown Film	39.2	MPa	
TD : Break, 40 µm,Blown Film	29.4	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm,Blown Film	700	%	
TD : Break, 40 µm,Blown Film	800	%	
Dart Drop Impact (40 µm, Blown Film)	120	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 40 µm, Blown Film	360	g	
TD : 40 µm, Blown Film	800	g	

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