

RELENE® LL20FS010

Linear Low Density Polyethylene

Reliance Industries Limited

Message:

LL20FS010 is a Butene Comonomer based Linear Low Density Polyethylene (LLDPE) with optimum levels of antioxidant, antiblocking agent & slip additives. The grade is designed to make blown film for heavy duty & liquid packaging applications.

General Information			
Additive	Antiblock		
	Antioxidant		
	Slip		
Features	Antiblocking		
	Antioxidant		
	Butene Comonomer		
	Food Contact Acceptable		
	Slip		
Uses	Film		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10141-1982		
	IS 10146-1982		
Processing Method	Blown Film		
	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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