

# RELENE® 1020FA20

Low Density Polyethylene

Reliance Industries Limited

## Message:

1020FA20 is a film grade Low Density Polyethylene (LDPE) produced by high pressure autoclave process. It can be extruded with considerable ease on any conventional LDPE extruder. The polymer is manufactured without any slip additive to facilitate adhesion during lamination.

General Information			
Features	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 <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break, 40 µm,Blown Film	20.0	MPa	
TD : Break, 40 µm,Blown Film	19.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm,Blown Film	280	%	
TD : Break, 40 µm,Blown Film	430	%	
Dart Drop Impact (40 µm, Blown Film)	120	g	ASTM D1709A

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## Recommended distributors for this material

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