

RELENE® 1035FS20

Low Density Polyethylene

Reliance Industries Limited

Message:

1035FS20 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 has been blended with necessary additives during manufacture to obtain good surface slip and easy openability between two layers of the film.

General Information			
Additive	High Slip		
Features	Food Contact Acceptable		
	General Purpose		
	High Slip		
Uses	Bags		
	Film		
	Packaging		
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)	3.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break, 40 µm,Blown Film	190	MPa	
TD : Break, 40 µm,Blown Film	170	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm,Blown Film	250	%	
TD : Break, 40 µm,Blown Film	400	%	
Dart Drop Impact (40 µm, Blown Film)	100	g	ASTM D1709A

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