

# RELENE® LL20FA020

Linear Low Density Polyethylene

Reliance Industries Limited

## Message:

LL20FA020 is a Butene Comonomer based Linear Low Density Polyethylene (LLDPE) with only optimum levels of antioxidants. The grade is designed for manufacturing Cast/Air bubble/Lamination films.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Butene Comonomer		
	Food Contact Acceptable		
Uses	Cast Film		
	Film		
	Laminates		
	Stretch Wrap		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10141-1982		
	IS 10146-1982		
Processing Method	Cast Film		
	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	29.4	MPa	
TD : Break, 40 µm,Blown Film	24.5	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 µm,Blown Film	800	%	
TD : Break, 40 µm,Blown Film	950	%	
Dart Drop Impact (40 µm, Blown Film)	90	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 40 µm, Blown Film	320	g	
TD : 40 µm, Blown Film	640	g	

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