

RELENE® LL20FS020

Linear Low Density Polyethylene

Reliance Industries Limited

Message:

LL20FS020 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 general purpose application & blending with LDPE.

General Information			
Additive	Antiblock		
	Antioxidant		
	Slip		
Features	Antiblocking		
	Antioxidant		
	Butene Comonomer		
	Food Contact Acceptable		
	General Purpose		
	Slip		
Uses	Bags		
	Blending		
	General Purpose		
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)	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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

