

RELENE® LL24FA030

Linear Low Density Polyethylene

Reliance Industries Limited

Message:

LL24FA030 is a Butene Comonomer based Linear Low Density Polyethylene (LLDPE). It is specially designed for low voltage insulation compound for silane cross-linking process. The grade is designed with optimum level of antioxidants.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Butene Comonomer
	Crosslinkable
	Food Contact Acceptable
Uses	Wire & Cable Applications
Agency Ratings	FDA 21 CFR 177.1520
	IS 10141-1982
	IS 10146-1982

Physical	Nominal Value	Unit	Test Method
Density	0.933	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.2	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 3.20 mm, Injection Molded	15.0	MPa	
Break, 3.20 mm, Injection Molded	18.0	MPa	
Tensile Elongation			ASTM D638
Yield, 3.20 mm, Injection Molded	17	%	
Break, 3.20 mm, Injection Molded	> 600	%	
Flexural Modulus (3.20 mm, Injection Molded)	550	MPa	ASTM D790

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Recommended distributors for this material

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