

RELENE® X24065

Linear Low Density Polyethylene
Reliance Industries Limited

Message:

Relene X24065, is a Butene comonomer based Linear Low Density Polyethylene. This grade is designed for XLPE cable compounds. It offers superior Processability, ESCR and Abrasion resistance.

General Information	
Features	Butene comonomer
	High ESCR (Stress Cracking Resistance)
	Workability, good
	Good wear resistance
	Compliance of Food Exposure
Uses	Wire and cable applications
Agency Ratings	FDA 21 CFR 177.1520
	IS 10141-1982
	IS 10146-1982

Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.4	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (shaw d, 3.20mm, injection molding)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 3.20mm, injection molding	11.0	MPa	ASTM D638
Fracture, 3.20mm, injection molding	15.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 3.20mm, injection molding	17	%	ASTM D638
Fracture, 3.20mm, injection molding	> 600	%	ASTM D638
Flexural Modulus (3.20 mm, Injection Molded)	260	MPa	ASTM D790

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Recommended distributors for this material

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

