

ROPOTEN® KB-02-208

Low Density Polyethylene

LUKOIL Bulgaria Ltd.

Message:

For insulation and coating of cables.

General Information			
Uses	Cable Jacketing		
	Insulation		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.1 kg)	0.20 to 0.40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 5.50	MPa	ASTM D638
Tensile Elongation (Break)	> 600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 90.0	°C	ASTM D1525
Electrical	Nominal Value		Test Method
Dielectric Constant ¹ (1 MHz)	2.50		Internal Method
Additional Information	Nominal Value		Test Method
Angle of Dielectric Loss ²	< 3.10E-4		Internal Method
NOTE			
1.	BDS 10086-82		
2.	1e6 Hz, BDS 10086-82		

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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



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