

# Rilsan® BMVO

Polyamide 11

Arkema

Message:

Rilsan® BMVO is a Polyamide 11 (Nylon 11) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive. Primary characteristic: eco-friendly/green.

General Information			
Features	Renewable Resource Content		
Forms	Pellets		
Mechanical	Nominal Value	Unit	Test Method
Compressive Strength	53.8	MPa	ASTM D695
Taber Abrasion Resistance (1000 Cycles, 1000 g, CS-17 Wheel)	5.00	mg	ASTM D1044
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (-30 to 40°C)	9.2E-5	cm/cm/°C	ASTM D696
Thermal Conductivity	0.33	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms·cm	ASTM D257
Dielectric Strength	30	kV/mm	ASTM D149
Dielectric Constant			ASTM D150
100 Hz	3.90		
1 kHz	3.70		
1 MHz	3.10		
Dissipation Factor			ASTM D150
100 Hz	0.044		
1 kHz	0.048		
1 MHz	0.045		

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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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