



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

**QUALITY : ELECTRICAL INSULATION MATTING CONFORMING IEC CEI 61111
CODE :ELS 50000**

Sr. No.	Test	Test Method	Specification
1	Specific Gravity	DIN 53508	1.60 ± 0.05
2	Hardness	DIN 53505	70 ± 5 Sh-A
3	Tensile Strength, min	DIN 53504	40 kg/cm ²
4	Elongation at Break,%	DIN 53504	200 %
5	Polymer Type		NR/SBR
Electrical Properties:			
6	Proof Test		
	Class -0 (1.5 mm)		5 KV for 3 Minutes
	Class -1 (2 mm)		10 KV for 3 Minutes
	Class -2 (3 mm)		20 KV for 3 Minutes
	Class -3 (4 mm)		30 KV for 3 Minutes
	Class -4 (14 mm)		40 KV for 3 Minutes
7	Withstand Test		
	Class -0 (1.5 mm)		10 KV - No electrical puncture
	Class -1 (2 mm)		20 KV - No electrical puncture
	Class -2 (3 mm)		30 KV - No electrical puncture
	Class -3 (4 mm)		40 KV - No electrical puncture
8	Mechanical Puncture Resistance		Minimum 70 N
9	Ageing Test		Puncture resistance should be minimum 80% of original value (i.e. 126.54 N)
10	Acid Test		
	a) Withstand Test		10 KV - No electrical puncture
	b) Mechanical Puncture Resistance		Puncture resistance should be minimum 75 % of original value (i.e. 126.54 N)
11	Oil Test		
	a) Withstand Test		10 KV - No electrical puncture
	b) Mechanical Puncture Resistance		Puncture resistance should be minimum 75 % of original value (i.e. 126.54 N)
12	Slip Resistance Test		Avg. Force higher than 50 N
13	Colour		Grey / Blue / Yellow / Black

Products that this data relates to available in China from:

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