



METROSEAL SM570-01 to IEC61111-2009 Class 1

Clause No.	Properties	Specification	
-	Specific Gravity	1.50 ± 0.05	
-	Hardness, Shore A	75 ± 5	
-	Tensile Strength, Kg/cm ²	50 Min.	
-	Elongation at Break, %	200 Min.	
-	Colour	Black	
-	Surface Finish	Fine rib with fabric finish	
ELECTRICAL PROPERTIES			
5.5	<u>MECHANICAL TESTS</u>		
5.5.2	Mechanical Puncture Test	Min 70N	
5.5.3	Slip Resistance	Avg. force higher than 50N	
5.6.2.2	Class	Proof Test	Withstand Test
5.6.2.3	Class – 1 (Thickness 3.0 mm)	10KV for 3 minutes	20KV – No electrical puncture
5.7	Ageing Test At 70 ± 2°C/168Hrs		
	Mechanical Puncture Test	Should be minimum 80% of original value	
5.8	Thermal Properties		
5.8.1	Flame Retardance	Flame should not propagate within a 50mm diameter from the centre	
5.8.2	Low Temperature Resistance (4hr at -25 ± 3°C)		
	a) Visual Inspection	No cracks	
	b) Voltage withstand	No electrical puncture	