

## TECHNICAL DATA SHEET

**MATERIAL : ELECTRICAL INSULATION SHEET**

**MATERIAL CODE : SM 580 VDE0303**

SR.NO.	TEST NAME	TEST STANDARD	UNIT	SPECIFIED VALUES
<b><u>FOR RUBBER COMPOUND</u></b>				
1	HARDNESS	ASTM D 2240	SHORE A	70 ± 5
2	TENSILE STRENGTH	ASTM D 412	Kg/cm <sup>2</sup>	50 (min)
3	ELONGATION AT BREAK	ASTM D 412	%	250 (min)
4	TEAR STRENGTH	ASTM D 624	Kg/cm	20 (min)
5	SP.GRAVITY	NA	NA	1.65 ± 0.05
		(REF M/D-WEIGHT IN AIR/WEIGHT IN WATER)		
<b><u>FOR CURED RUBBER SHEET</u></b>				
1	Electrical Resistance @ 50 kV	VDE 3030	kV	NO LEAK NO SPARK
2	E.I. Value (Leakage Current)	VDE 3030	mA/m <sup>2</sup>	160 (max)
3	WORKMANSHIP	VDE 3030	VISUAL	No Blister, Porosity, Pinhole, Fm, Crack

### THE CURED RUBBER SHEET.

APPLICATION WISE SUITABLE FOR THE BELOW SAID PURPOSES.

- 1 WATER RESISTANCE GOOD
- 2 CHEMICAL RESISTANCE FAIR (Dil. ACID & ALKALI)
- 3 APPLICABLE TEMPERATURE RANGE : -30°C TO 70°C

The test results are obtained on compound slab as per ASTM D 412 clause 11, as ASTM dose not allow testing on finish product, In case testing carried out direct on finish product the results may vary to large extent. Test specimen shall be free of surface roughness, design & fabric layer etc.

\* Rubber sheet will deteriorated in physical properties if continues stored in direct sunlight for long time. For long time storage we recommended properly in house warehousing at room temp.

TECH / QC IN CHARGE

