





TECHNICAL DATA SHEET

Properties	Test Method	Unit	Electrical Insulation Sheet EI 35 K	Stud Mat CS 80	Rib Mat DS 65	Marblized Mat
Profile						
Density	ASTM D 297	g/cm ³	1.6	1.6	1.5	1.6
Hardness	ASTM D 2240	Shore A	65 ± 5	80 ± 5	65 ± 5	80 ± 5
Tensile Strength	ASTM D 412	Kg/cm ² (min)	50	50	50	50
Elongation at Break	ASTM D 412	% (min)	250	250	250	250
Abrasion	ASTM D 5963	mm ³	450	400	400	350
Compression set	ASTM D 395 B	%	45	45	45	45
Tear Strength	ASTM D 624	kg/cm	15	15	15	20
After heat aged @70°C x 70 Hrs	ASTM D 573					
Hardness			+5	+5	+5	+5

Tensile Strength		%	+10/-20	+10/-15	+15/-20	+10/-15
Elongation		%	+10/-20	+20/-20	-25/+25	-20/+20
Leakage Current	BS-921	mA	< 160 mA/m ²			
Chemical Resistans						
	ASTM D 1149					
Ozone			Mild	Mild	Mild	Mild
Dilute Acid and Base			Good	Fair	Fair	Fair
Cont.. Acid and Base			Good	Fair	Fair	Fair
Oil			NA	NA	NA	NA
Solvent			NA	NA	NA	NA
Temperature Range						
		°C	-30 to + 70°C	-30 to +70°C	-30 to +70°C	-30 to +70°C
Colour		Visual	Grey, Black	Black/Grey & Others	Black/Grey & Others	Various Colour