

GAUSSTAT VCF100

CONDUCTIVE FOAM

GRADE	SPEC REF	ISSUE	FIRST ISSUED
Gausstat VCF 100	Con 1A	01	September 1999

ITEM	PROPERTY	REQUIREMENT	TEST METHOD
1	Foam Type	Polyether polyurethane foam impregnated with flexible conductive latex N/A	
2	Density kg/m ³	24 minimum	BS 4443 Pt 1 Method 2
3	Tensile Strength kPa	70 Minimum	BS 4443 Pt 1 Method 3A
4	Elongation @ Break %	100 minimum	BS 4443 Pt 1 Method 3A
5	Loss in Tensile Strength After Heat Ageing (%)	30% Max Loss	BS 4443 Pt 1 Method 3A 140°C for 16 hours
6	Loss In Tensile Strength After Humidity Ageing (%)	30% Max Loss	BS 4443 Pt 1 Method 3A 105°C for 3 hours
7	Compression Set (50% Compression)	30% Max Loss	BS 4443 Pt 1 Method 3A
8	Volume Resistivity (ohms/m)	250 Maximum	BS 2044 Method 3 (100 Volts)
9	Surface Resistance (K ohms)	<20	Megger BM201 (100 Volts)
10	Compression Deflection at 50% Compression	3.3 kPa (typical Value)	BS 4443 Pt1 Method 5A

Frequency Of Testing: Items 2 - 9 EVERY BATCH
REF: H2909991.doc