

GAUSSTAT VCF50

CONDUCTIVE FOAM

GRADE Gausstat VCF 50	SPEC REF Con 2A	ISSUE 01	FIRST ISSUED September 1999
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ITEM	PROPERTY	REQUIREMENT	TEST METHOD
1	Foam Type	Polyether polyurethane foam impregnated with rigid conductive latex	N/A
2	Density lb/ft3	2.5 minimum	BS 4443 Pt 1 Method 2
3	Tensile Strength kPa	70 Minimum	BS 4443 Pt 1 Method 3A
4	Elongation @ Break %	N/A	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)	N/A	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	N/A	BS 4443 Pt1 Method 5A

Frequency Of Testing: Items 2 - 9 EVERY BATCH
REF: H2909992.doc