

CONDUCTIVE BLACK PE FOAM
EV 45 CN

Cross-linked PE foam



Product Specifications

Property	Test Method	Unit	Value
Density	EN ISO 845 1995 BS 4443 pt1: 2 1988 DIN 53420 1978	Kg/m ³	45
Compression Stress-Strain			
25 %	EN ISO 3386/1 1997	kPa	45
40 %	BS 4443 pt1: 5a 1988	kPa	80
50 %	DIN 53577 1988	kPa	120
60 %		kPa	175
Tensile Strength	ISO 1798 1983 BS 4443 pt1: 3a 1988 DIN 53571 1986	kPa	500
Elongation at break	ISO 1798 1983 BS 4443 pt1: 3a 1988 DIN 53571 1986	%	210
Tear Strength	EN ISO 8067 1995 BS 4443 pt6: 15 1991	N/m	1200
Shore Hardness 00 Scale 10mm cell/cell thickness	ISO 868 1985		52
Recommended Operating Temperature Range		°C	+70 max -70 min
Thermal Conductivity Mean temp of 10°C	ISO 8302 1991 BS 874 Pt2: 2.1 1986	W/m.K	0.038
Volume resistivity	ASTM D991-89	Ohm.cm	10 ³