

MATERIAL SPECIFICATION – CF5 PLASTAZOTE

Plastazote foam is a closed cell, cross linked polyethylene foam.

PROPERTY	TEST METHOD	UNITS	TYPICAL VALUE
Density skin/skin	ISO 845 1988 BS 4443 Pt 1;2 1988 Din 53420 1978	kg/m ³	45 (nominal)
Recommended operating temperature range	Internal	°C °C	+110 max -70 min
Compression stress - strain characteristics 25% compression 40% compression 50% compression 60% compression	ISO 3386/1 1986 BS 4443 Pt 1; 5a 1988 DIN 53577 1988	kPa kPa kPa kPa	50 95 135 210
Compression set s/s thickness 72 hrs 50% compression 23°C ½ hr recovery 48hrs 20% compression 23°C 1/2hr recovery	ISO 1856; B 1980 BS 4443 Pt 1; 6b 1988 DIN 53572 1986 ISO 1856; C 1980	% set % set	22 7
Tear Strength	ISO 8067; 1991 BS 4443 Pt 6; 15 1991	N/m	1030
Tensile Strength	ISO 1798 1983 BS 4443 Pt 1; 3a 1988 DIN 53571 1986	kPa	600
Elongation at Break		%	150
Thermal Conductivity Tested at mean temp of 10°C	ISO 2581; AS 1975 BS 874; C 1973	W/m.K	0.043

Note:

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