



TECHNICAL DATA		TEST STANDARD	UNIT	TROCELLEN HeatPro
<b>BARE FOAM</b>				
DENSITY		ISO 845	Kg/m <sup>3</sup>	33
TENSILE STRENGTH	Longitudinal Transversal	ISO 1798	Mpa Mpa	0.28 0.19
ELONGATION AT BREAK	Longitudinal Transversal	ISO 1798	% %	100 120
COMPRESSION STRESS STRAIN AT DEFLECTION	10% 25% 50%	ISO 3386	KPa KPa KPa	10 32 83
COMPRESSION SET (22h 25% 23°C) AFTER COMPRESSION RELEASE	24hr	ISO 1856	%	< 10
WATER ABSORPTION		JIS K 6767 METHOD B	g/cm <sup>2</sup>	0.000084
<b>FOAM LAMINATED WITH REFLECTIVE FOIL</b>				
TEAR STRENGTH	Longitudinal Transversal	DIN 53507	N/mm N/mm	0.9 0.9
OPERATING TEMPERATURE RANGE		-	°C	-40 to 100
DIMENSIONAL STABILITY		DIN 53431	°C	100
EMISSION OF FOIL FACE		ASTM C 1371	-	≤ 0.05
THERMAL CONDUCTIVITY	0°C 23°C 40°C	JIS A 1412-2	W/mK	0.035 0.037 0.039
NOISE REDUCTION COEFFICIENT		ASTM C 423	-	0.1
OZONE DEPLETING SUBSTANCES (NAMELY CFCs, HCFCs, HBFCs)		US EPA 5021A (MDL 1PPM)	-	NOT DETECTED
GREEN STAR SPECIFICATION - TOTAL VOC EMISSION RATE		ASTM D 5116	-	LOW VOC EMITTING (< 0.5 mg/m <sup>2</sup> /hr)
VOLATILE ORGANIC COMPOUNDS (VOCs)		US EPA 5021A (MDL 1PPM)	-	NOT DETECTED
RESISTANCE TO FUNGI		ASTM G 21	-	ZERO GROWTH
<b>FIRE BEHAVIOUR</b>				
FIRE RATING		BS 476 PART 6 & 7	-	CLASS 0
BURNING TEST		UL 94	-	HF-1
BURNING TEST - FLAME SPREAD AND SMOKE DEVELOPED INDEX		ASTM E 84	-	CLASS A
IGNITABILITY INDEX		AS/NZS 1530.3	-	0
SPREAD OF FLAME INDEX				0
HEAT EVOLVED INDEX				0
SMOKE DEVELOPED INDEX				1
MAXIMUM SPECIFIC OPTICAL SMOKE DENSITY		ISO 5659-2	-	D <sub>s</sub> (MAX) < 50

The data and information represented above are intended as general guide only and are not construed as specification limits.

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