



TECHNICAL DATA		TEST STANDARD	UNIT	TROCELLEN PipePro
BARE FOAM				
DENSITY		ISO 845	Kg/m ³	25 - 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	25% 50%	ISO 3386	KPa KPa	30 79
COMPRESSION SET (22h 25% 23°C) AFTER COMPRESSION RELEASE	24hr	ISO 1856	%	< 10
FOAM LAMINATED WITH REINFORCED ALUMINIUM FOIL				
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
EMISSIVITY OF FOIL FACE		ASTM C 1371	-	≤ 0.05
THERMAL CONDUCTIVITY	24°C 49°C	ASTM C335	W/mK	0.040 0.045
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 ² /hr)
VOLATILE ORGANIC COMPOUNDS (VOCs)		US EPA 5021A (MDL 1PPM)	-	NOT DETECTED
RESISTANCE TO FUNGI		ASTM G 21	-	ZERO GROWTH
FIRE BEHAVIOUR				
FIRE RATING		BS 476 PART 6 & 7	-	CLASS 0
MAXIMUM SPECIFIC OPTICAL SMOKE DENSITY		ISO 5659-2	-	Ds (MAX) < 50
STORAGE				
STORE IN COOL AND DRY CONDITION, OUT OF DIRECT SUNLIGHT.				

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

All the above information is given in good faith and in accordance with our knowledge and experience. Any written and illustrated application instructions are without legal obligation and do not relieve you from testing and confirming the goods with regard to their suitability for the intended application, use or conversion. The high quality of our products is guaranteed according to our general sales condition.



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