

Plastica SPECIFICATION SHEET PREMIUM COVER

DESCRIPTION

A commercial floating heat retention cover made of light blue PE coated U.V. stabilised pre-shrunk polyethylene woven tape fabric. This is thermally laminated to a 8mm nominal thickness irradiation cross linked polyolefin foam, with an embossed polyethylene film on the underside.

PROPERTY	RESULT (Metric)	TOLERANCE	STANDARD
Warp count / 10cm	47	± 1	Din 53853
Weft count / 10cm	49	± 1	Din 53853
Tensile strength - warp	25 kN/m	± 5	ISO 5081
Tensile strength - weft	25 kN/m	± 5	ISO 5081
Extension at failure - warp	20 %	± 5	ISO 5081
Extension at failure - weft	20 %	± 5	ISO 5081
Tear strength - warp	200 N	± 40	ASTM D4533
Tear strength - weft	230 N	± 45	ASTM D4533
Thickness	8 mm	± 0.6	
Composite weight	530 g/m ²	± 55	Din 53854
Thermal conductivity	0.038 W/mK		Din 52612
U-vale	<3.08 W/m ² K		
Water absorption - 28 days immersion	< 1% by volume		Din 53428
Working temperature range	-20°C (-4°F) to 29.4°C (85°F)		
Lamination strength	Foam tear on peeling, either surface		

All data is given in good faith and to the best of our knowledge.

PLASTICA LIMITED

SHEET No.- PREM-01

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