

Fiche technique

Thermal Insulator Sheets

SPHC1000

Specification : 300mm x 50M (Roll form)

Thickness : 0.23mm

	Properties	SPHC1000	Unit	Test Method
	Color	Yellow	Visual	--
	Reinforcement Layer	Fiberglass	--	--
	Finish	Smooth	Visual	--
	Thickness (Tol. ± 0.02)	0.23	mm	ASTM D374
	Operating Temperature	-40~+220	°C	--
	Specific Gravity	1.60	--	ASTM D792
	Tensile Strength	150	kgf/cm ²	ASTM D412
	Tear Strength	6.70	%	ASTM D573
	Elongation	7~12	%	ASTM D412
	Hardness	70 $\pm$ 5	Shore A	ASTM D2240
	Voltage Breakdown	3500	V/mm	ASTM D149
	Volume Resistivity	2.0 x 10 ¹³	$\Omega \cdot \text{cm}$	ASTM D257
	Thermal Conductivity	0.5~0.8	W/m.k	ASTM D5470
	Flammability Rating	V-0	--	UL94
	RoHS Compliant	Yes	--	Lab. Certification
	PFOA Compliant	Yes	--	Lab. Certification
	PFOS Compliant	Yes	--	Lab. Certification
	SVHC Compliant	Yes	--	Lab. Certification

* The above testing result comes from testing laboratory report, information for your reference only.