

## Technical Information:

	Properties	HC-1000	Unit	Test Method
Physical	Color	Gray	Visual	--
	Reinforcement Layer	Fiberglass	--	--
	Finish	Smooth	Visual	--
	Thickness (Tol. $\pm$ 0.02)	0.23~0.8	mm	ASTM D374
	Operating Temperature	-40~+220	°C	--
Mechanical	Specific Gravity	1.60	g/cm <sup>3</sup>	ASTM D792
	Tensile Strength	150	kgf/cm <sup>2</sup>	ASTM D412
	Tear Strength	6.70	kgf/cm	ASTM D642
	Elongation	7~12	%	ASTM D412
	Hardness	70 $\pm$ 5	Shore A	ASTM D2240
Electrical	Voltage Breakdown	3500	V/mm	ASTM D149
	Volume Resistivity	2.0 x 10 <sup>13</sup>	$\Omega \cdot$ cm	ASTM D257
Thermal	Thermal Conductivity	0.3	W/m.k	ASTM D5470
Regulatory	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 results comes from laboratory report, information are for your reference only.