

GLASS FIBER	IMF-25
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FEAUTURE	APPLICATIONS
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- * Thermal conductive
- * Good insulator
- * Good mechanical strenght
- * Good insulator
- * Shock & vibration absorber
- * Available in varies thickness

IC CPU GPU MOS LED M/B
 PSU PS HEATSINK LCD-TV
 CASE NB PC HDD DDR-MODULE
 DVD etc.

PROPERTY	UNIT	IMF-25	TEST METHOD
MATERIAL	-	Glass Fiber	-
COLOUR	-	Yellow	-
THICKNESS	mm	0.17/0.25/0.45	ASTMD374
THERMAL CONDUCTIVITY	W/m•K	1.3	ASTMD5470
SPECIFIC GRAVITY	g/cm ³	2.0±0.2	ASTM D792
ELONGATION	%	<1	ASTMD412
TENSILE STRENGHT	Kgf/cm ²	50	ASTMD412
HARDNESS	Shore A	70±5	ASTM D2240
WEIGHT LOSS	%	<1	200°C(48hr)
VOLUME RESISTIVITY	ohm•cm	>10 ¹⁷	ASTMD257
INSULATION STRENGHT	KV	--- / >4.5/ >6.5	ASTM D149
CONTINUOUS USE TEMP	°C	-45~200	-
FLAME RATING	-	V-0	UL94

- * REACH Compliant/ RoHS Compliant
- * The thickness of the test piece is 1 mm.
- * Available in sheet and roll
- *Adhesive on one or both sides upon request

*** Custom shape upon request**



GLASS FIBER	IMF-35
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FEAUTURE	APPLICATIONS
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| <ul style="list-style-type: none"> * Low thermal contact resistance * Exceptional Thermal Performance at Lower Application Pressures (20psi-400psi) * Good mechanical strenght * Usable over a wide temperature range * Simplified processing and reduced operating costs | <p>IC CPU GPU MOS LED M/B
 PSU PS HEATSINK LCD-TV
 CASE NB PC HDD DDR-MODULE
 DVD etc.</p> |
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PROPERTY	UNIT	IMF-25	TEST METHOD
MATERIAL	-	Glass Fiber	-
COLOUR	-	Yellow	Visual
THICKNESS	mm	0.2	-
THERMAL CONDUCTIVITY	W/m•K	3.5	ASTMD5470
HARDNESS	Shore A	80	ASTM D2240
BREAKDOWN VOLTAGE AC	V	3000	ASTM D149
BREAKDOWN VOLTAGE DC	V	5000	ASTM D149
ELONGATION	%	<5	ASTM D412
TENSILE STRENGHT	psi	1000	ASTM D412
DIELECTRIC CONSTANT	1000 Hz	6.0	ASTM D150
TML	%	<0.2	ASTM E595
CONTINUOUS USE TEMP	°C	-45~180	-
THERMAL IMPEDANCE:			
T0.2mm @ 20 psi	°C-in ² /W	0.28	ASTM D5470
T0.2mm @ 50 psi		0.22	
T0.2mm @ 100 psi		0.2	

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