

## MOLD JACKET AND PLATEN THERMAL INSULATION



- Low Thermal Conductivity
- Asbestos Free
- Cost Effective
- High Heat Resistance
- Tough And Durable
- Resists Oils And Fluids
- No Maintenance

Specially engineered fiberglass reinforced thermoset polyester composite that offers superior energy efficiency, temperature control and durability for high temperature mold jacket and platen thermal insulation applications.

Heat Press	180 °C
M40, 25mmT	
Metal Plate	50 °C

M40 is available in standard light gray, safety yellow, or custom colors per request.

### Engineering Information

Test	Standards	Results
比重 SPECIFIC GRAVITY		1.2
熱傳導係數 THERMAL CONDUCTIVITY	ASTM D-177	0.167 W/m.K.
熱膨脹係數 COEFFICIENT OF THERMAL EXPANSION	ASTM D-696	2.30 x 10 <sup>-5</sup>
吸水率 WATER ABSORPTION	ASTM D-570	0.25% Max
抗壓強度 COMPRESSIVE STRENGTH, FLATWISE	ASTM D-695	
75°F (25°C)		1276Kg/cm <sup>2</sup>
300°F (149 °C)		1337Kg/cm <sup>2</sup>
400°F (204 °C)		1356Kg/cm <sup>2</sup>
500°F (260 °C)		1405Kg/cm <sup>2</sup>
撓曲強度 FLEXURAL STRENGTH, COND. A	ASTM D-790	1452Kg/cm <sup>2</sup>
耐衝擊強度 IZOD IMPACT STRENGTH	ASTM D-256	4.8 J/cm

*Your Solution for Thermal Insulation Since 1989 !*