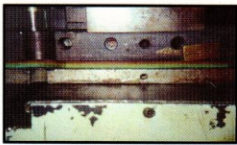


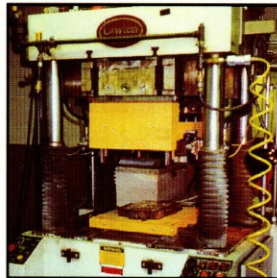
Honeywell Switches to Pyropel® for Energy Savings

Before



Thermal degradation of insulator board

After



Pyropel installed on platen and perimeter

Mars Hill, NC Thermoset Molder

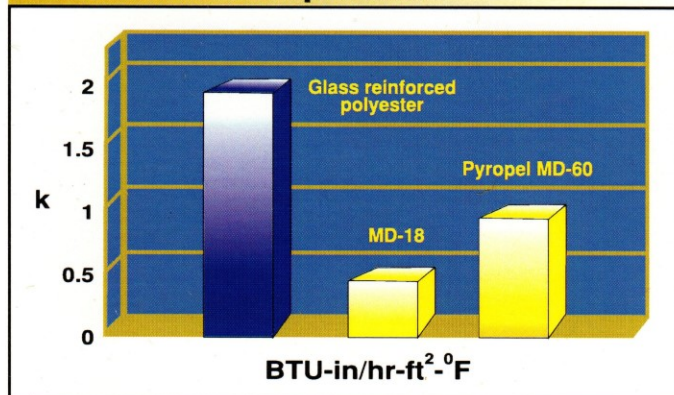
Customer: Honeywell Sensing and Control is one of the world's preeminent switch and sensor manufacturers providing products to the automotive, aerospace, marine, information technology, medical, electronics and appliance industries.

Customer Challenge: The Mars Hill facility, a molder of electrical connectors, was faced with rising energy costs, considerable mold heat up times and high maintenance costs associated with the regular replacement of degrading glass reinforced polyester insulation boards.

The engineers at Honeywell evaluated Pyropel insulation. Their objective was to improve their operating efficiencies and reduce their tool base maintenance costs. They replaced the existing platen insulation with Pyropel MD-60 and added Pyropel MD-18 perimeter insulation.

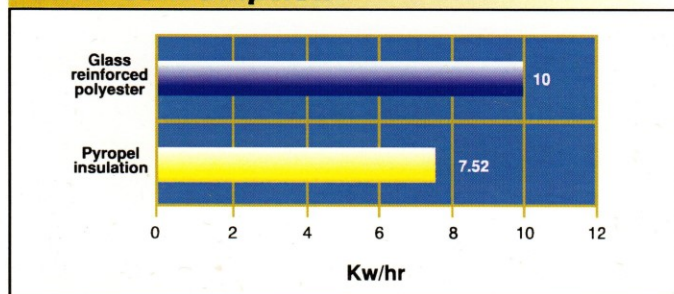
Results: By switching to Pyropel, Honeywell achieved their objective and was able to immediately reduce power consumption by 25% and their startup time from 90 to 50 minutes. In addition, the more durable Pyropel MD-60 insulator has already lasted six times longer than the glass reinforced polyester, virtually eliminating a major maintenance cost.

Heat Transfer Comparison



Pyropel is 2-4 times more effective than glass reinforced polyester

Power Consumption



Customer Benefits

- Saved 25% on power consumption
- Reduced start up time
- Eliminated maintenance issue
- Payback 36 weeks