

DEL THERM 68.890

REV. 01/08/12

Description:

DEL THERM 68.890 is a stratified of glass mat and epoxy resin with high mechanical resistance in temperature. DEL THERM 68.890 has an excellent temperature resistance (240°C), and very high mechanical properties.

Applications:

Insulation of press heating surfaces, particular insulating machines, mold insulation in the rubber and glass industries.

Properties:

| | | UNIT | VALUES |
|------------------------------------|-------------|--|------------|
| Flexural Strength | ISO 178 | Mpa | 420 |
| Compressive Strength at 23°C | ISO 604 | Mpa | 520 |
| Compressive Strength at 200°C | ISO 604 | Mpa | 350 |
| Flatwise Electrical Strength | IEC 60243-1 | kV/mm | 15 |
| Density | ISO 1183 | g/cm ³ | 1,9 +/-0.1 |
| Water Absorption 24h 23°C | ISO 62 | % | 0.08 |
| Operating Temperature | | °C | 240 |
| Peak Temperature (short periods) | | °C | 280 |
| Thermal Conductivity | DIN 52612 | W/mK | 0.24 |
| Coefficient Of Linear Expansion // | | 1.0E-6/K | 15 |
| Sizes | | mm 2935x1335 (+/-10 mm) mm 1335x970 (+/-10mm) | |
| Thickness | | From 6 to 50 mm +/-0.2 mm | |