

# Multitemp EP GC 201

Multitemp EP GC 201 is an epoxy glass.

IEC 60893: EP GC 201  
 DIN 7735: HGW 2372  
 Nema LI 1: G10

| Properties               | Units                |                      |
|--------------------------|----------------------|----------------------|
| Flexural strength        | MPa                  | 350                  |
| Impact strength          | kJ/m <sup>2</sup>    | 100                  |
| Notched impact strength  | kJ/m <sup>2</sup>    | 50                   |
| Tensile strength         | MPa                  | 220                  |
| Compressive strength     | MPa                  | 200                  |
| Interlaminar strength    | N                    | 3000                 |
| Modulus of Elasticity    | MPa                  | 18000                |
| Resistance between plugs | -                    | 5 * 10 <sup>10</sup> |
| High voltage strength    | KV                   | 40/40                |
| Dissipation factor       | -                    | 0,05                 |
| Dielectrical constant    | -                    | 5                    |
| Tracking resistance      | -                    | 200                  |
| Electrical corrosion     | -                    | AN 1,4               |
| Limit temperature        | °C                   | 130                  |
| Thermal conductivity     | W/m K                | 0,3                  |
| Thermal expansion factor | 10 <sup>-6</sup> /°C | 10-20                |
| Thermal Class            | -                    | B                    |
| Glow Resistance          | -                    | 2a                   |
| Density                  | g/cm <sup>3</sup>    | 1,7-1,9              |
| Water absorption         | mg                   | 30                   |
| Flame Resistance         | -                    | -                    |

|        |   |                |
|--------|---|----------------|
| Colour | - | Green / Yellow |
|--------|---|----------------|

**Availability:**

Multitemp EP GC 201 can be delivered as sheet cut-offs and finished parts.

Sheet:            Size:                            1220 x 2440 mm  
                     Thickness:                    0,15 - 150 mm

Parts:            Finished products conform drawing