

## Laminates

### Rigidiso® RI 40202

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**Structure:** Rigidiso® RI 40202 is a manufactured Epoxy-Resin Glass-Fibre laminate and conforms to standards:

IEC 60893      EP GC 204  
DIN 7735      HGW 2372.4

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**Characteristics:** Rigidiso® RI 40202 is very good insulation to Insulation Class F (155°C), It also has very good mechanical properties. Rigidiso® RI 40202 is designed in accordance with flammability class UL 94 level V-0.

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**Application:** Rigidiso® RI 40202 is used as a construction material with high requirements in insulation properties.

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**Form of Supply:** Rigidiso® RI 40202 is supplied in thicknesses of 0.20 – 80.00 mm, and in a sheet format of 2140 x 1240 mm.

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**Storage Conditions:** Rigidiso® RI 40204 can be stored indefinitely under normal conditions (20°C, 50% r. H.)

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## Rigidiso® RI 40202

| Technical Data:                 | Norm          | Unit              | Value                |
|---------------------------------|---------------|-------------------|----------------------|
| Density                         | ISO 1183 / A  | g/cm <sup>3</sup> | 1.7 – 1.9            |
| Flexural Strength               | ISO 178       | Mpa               | 350                  |
| Elasticity of the Flexural Test | ISO 178       | Mpa               | 18 x 10 <sup>3</sup> |
| Tensile Strength                | ISO 527       | Mpa               | 220                  |
| Impact Strength                 | ISO 179 / 3C  | kJ/m <sup>2</sup> | 100                  |
| Temperature Limit               | IEC 216       | °C                | 155                  |
| Comparative Tracking Index      | DIN / IEC 112 | -                 | 180                  |
| Thermal Conductivity            | -             | W/mK              | 0.3                  |
| Thermal Class                   | -             | -                 | F                    |
| Water Absorption (5mm)          | ISO 62 / 1    | mg                | 30                   |

**Trademark Information:** Rigidiso® is a registered trademark of the company Dr. Dietrich Müller GmbH, Germany

### Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

Dr. Dietrich Müller GmbH