

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

# Electrical Insulating Material

## Rigidiso® RI 40226

**Structure:** Rigidiso® RI 40226 is an Epoxy Glass fibre netting consisting of high strength E-glass yarn without wax, which is woven by special technology. It has the advantage of proportional spacing and fixing meshes. After coating with imported epoxy resin, the product provides good hardness and toughness properties, being able to meet the requirement of the technology for reinforcing moulding shape of dry transformers. It is an excellent reinforcing material suitable for the production process of dry transformers.

| Technical Data:                       | Unit | Value                  |
|---------------------------------------|------|------------------------|
| Thickness                             | mm   | 0.8 +/-10%             |
| Length per roll                       | m    | 100                    |
| Width                                 | m    | 0.2 ~ 1.2              |
| Mesh Size (longitude x latitude)      | mm   | 4 x 4                  |
| Resin Content                         | %    | 25 ~ 35                |
| Tensile Strength                      | N    | 1000                   |
| Breakdown Voltage (Along the surface) | kV   | 18                     |
| Insulation Resistance                 | Ω    | 1.0 x 10 <sup>12</sup> |
| Thermal Class                         | -    | H                      |
| Water Absorbtion                      | %    | <3                     |
| Colour                                | -    | Natural and Red        |

### Stand October 2011

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 info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn  
 Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093  
 St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

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- Elektroisierstoffe
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## Rigidiso<sup>®</sup> RI 40226

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

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**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.

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