

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

Electrical Insulation Materials

Flexiso[®] SG FI 17073

Description: Flexiso[®] SG FI 17073 is an uncalcined Mica paper that is made by a hydraulic separation process using the best quality of muscovite, which is first reduced to pulp and then made into the form of paper on rolls. It is mainly used for all kinds of mica sheets and tapes.

Delivery form: Flexiso[®] SG FI 17073 is available on rolls of a width of 900 - 1040 mm with an inner diameter of 76 - 152 mm.

Stand August 2011

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
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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- Elektroisolierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien

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| Properties | Unit | Value | Value | Value |
|---------------------------------|------------------|-------|-------|-------|
| Nominal weight | g/m ² | 105 | 120 | 160 |
| Max. deviation (average value) | % | +/-3 | +/-3 | +/-3 |
| Max. deviation (single value) | % | +/-3 | +/-3 | +/-3 |
| Indicative thickness average | mm | 0.07 | 0.08 | 0.095 |
| Penetration average value s | ≤ | 10 | 14 | 20 |
| Dielectric strength | Kv/mm | ≥13 | ≥13 | ≥13 |
| Tensile strength | N/cm | ≥3.0 | ≥3.0 | ≥3.5 |
| Loss of Mass | % | ≤0.25 | ≤0.25 | ≤0.25 |
| Conductivity of aqueous extract | ps/cm | ≤6 | ≤6 | ≤6 |

Trademark Information: Flexiso[®] is a registered trademark of 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.

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