

テクニカルデータシート

Durostone[®] UPR S19

製品の特徴

- 高い機械的強度
- 極めて高い機械的強度および絶縁耐力
- Eガラス繊維で補強されたビニルエステル熱硬化樹脂

製品の用途例

- 変圧器
- 油入変圧器
- 電気
- 電気絶縁

| | 試験法 | 単位 | 値 |
|------------------------|-----------|---------------------|------------------|
| 機械的物性 | | | |
| 密度 | ISO 1183 | g / cm ³ | 1,95 |
| 曲げ強度 [⊥] | ISO 178 | MPa | 470 |
| たわみ荷重弾性係数 [⊥] | ISO 178 | MPa | 25000 |
| 圧縮強度 [⊥] | ISO 604 | MPa | 450 |
| 圧縮強度II | ISO 604 | MPa | 250 |
| 引張強度II | ISO 527 | MPa | 400 |
| 衝撃強度(シャルピー衝撃試験)II | ISO 179 | kJ / m ² | 200 |
| 熱的物性 | | | |
| 温度指数 | IEC 60216 | T.I. | 155 |
| 絶縁階級 | IEC 60085 | / | F |
| 機械的特性 | | | |
| 吸水率 (4mm厚) | ISO 62 | % | 0,1 |
| 電気的特性 | | | |
| 油中耐電圧90°C [⊥] | IEC 60243 | kV / mm | 15 |
| 油中耐電圧90°CII | IEC 60243 | kV/25mm | 75 |
| 比誘電率 (50Hz) | IEC 60250 | ε _r | ≈ 5 |
| 表面固有抵抗 | IEC 60093 | Ω | 10 ¹⁰ |
| 比較トラッキング指数 | IEC 60112 | CTI | 600 |

[⊥] = perpendicular to the lamination II = parallel to the lamination

The data stated above are average values verified on the basis of regular statistical tests and controls. All information in this publication is based on current technical knowledge and

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