

テクニカルデータシート

Lignostone® M II-2-E3-HQ

Laminated Densified Wood

製品の特徴

• 高品質な赤ブナを使用

• 中程度の密度で非常に高い機械的強度

● 積層圧縮木材

(IEC61061規格C4R)

製品の用途例

- 変圧器
- 電気
- 電気絶縁
- 変圧器用 Lignostone Transformerwood
- 油入変圧器

	試験法	単位	値
機械的物性			
密度	IEC 61061	g / cm ³	1.25
曲げ強度┴	IEC 61061	MPa	130
たわみ荷重弾性係数┸	IEC 61061	MPa	11 000
圧縮強度┸	ISO 604	MPa	230
圧縮強度Ⅱ	ISO 604	MPa	90
せん断強度Ⅱ	IEC 61061	MPa	11
熱的物性			
熱伝導率	DIN 52612	W/m K	0.22
連続使用温度	DIN 7707	°C	100
乾燥時の上限温度	DIN 7707	°C	130
機械的特性			
吸油率	IEC 61061	%	7
含水率	IEC 61061	%	5
電気的特性			
油中耐電圧90℃┸	IEC 61061	kV / mm	17
油中耐電圧90℃Ⅱ	IEC 61061	kV/25mm	80
比誘電率 (50Hz)	IEC 60250	ε _r	3.7
誘電損率 (50 Hz)	IEC 60250	tan δ	0.01
体積固有抵抗	IEC 60093	Ω x cm	10 ¹²

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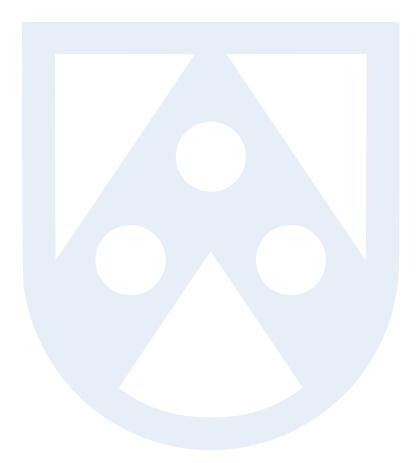






 \perp = perpendicular to the lamination II = parallel to the lamination

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