

テクニカルデータシート

Lignostone[®] L II/2-E3-HQ (C1R)

Laminated Densified Wood

製品の特徴

- 高品質な赤ブナを使用
- 高い機械的強度および軽量性

製品の用途例

- 変圧器
- 電気
- 電気絶縁
- 油入変圧器

	試験法	単位	値
機械的物性			
密度	IEC 61061	g / cm ³	0.85
曲げ強度 [⊥]	IEC 61061	MPa	90
たわみ荷重弾性係数 [⊥]	IEC 61061	MPa	8000
圧縮強度 [⊥]	ISO 604	MPa	180
圧縮強度II	ISO 604	MPa	60
せん断強度 II	IEC 61061	MPa	8
熱的物性			
熱伝導率	DIN 52612	W/m K	0.22
連続使用温度	DIN 7707	°C	105
乾燥時の上限温度	DIN 7707	°C	140
機械的特性			
吸油率	IEC 61061	%	25
含水率	IEC 61061	%	5
電気的特性			
油中耐電圧90°C [⊥]	IEC 61061	kV / mm	17
油中耐電圧90°CII	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

[⊥] = 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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Print: 16/06/2026 • Release: 30/06/2025 • Version: 2.0
PIM-ID: 751420 • PIM-Code: 20-37-21.10-5.11.7.6-13
Company-IDs: 20000-1

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