

テクニカルデータシート

Trafoboard[®] HD-PH

Pressboard

製品の特徴

- フェノール樹脂を使用したプレスボード
- IEC 60641-3-1準拠
- 電気絶縁性
- 良好な機械特性

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
一般的物性			
密度	DIN EN ISO 1183-1	g / cm ³	1.15 - 1.35
機械的物性			
Flexural strength [⊥] (MD)	IEC 60763-2	MPa	120
Flexural strength [⊥] (CMD)	IEC 60763-2	MPa	110
Flexural modulus [⊥] (MD)	IEC 60763-2	MPa	13000
Flexural modulus [⊥] (CMD)	IEC 60763-2	MPa	10500
Compressibility (C)	IEC 60763-2	%	2.6
Compressibility (Crev)	IEC 60763-2	%	93
熱的物性			
絶縁階級	IEC 60085	/	A
機械的特性			
Shrinkage (MD)	IEC 60763-2	%	0.20
Shrinkage (CMD)	IEC 60763-2	%	0.30
Shrinkage (Thickness)	IEC 60763-2	%	1.50
含水率	IEC 60763-2	%	5
吸油率	IEC 60763-2	%	10
pH of aqueous extract	IEC 60763-2	pH	7.1
電気的特性			
Field strength at the onset of PD II	HS-OS ^1)	kV / mm	10
Conductivity of aqueous extract	IEC 60763-2	mS/m	7.1

ri-inquiry@roechling.com • www.roechling.com/industrial/materials

	試験法	単位	値
油中耐電圧90°CII	IEC 60243-1	kV / mm	> 9

MD = Machine Direction

CMD = Cross-Machine Direction

¹⁾ = contact us for further information

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 experience. Due to the large number of possible influences during processing and application, it does not exempt the user/processor from carrying out their own tests and trials.

Responsibility for the evaluation of the end product for the intended use and compliance with the applicable relevant legal requirements lies exclusively with the user/processor as well as the distributor of the respective product/end product. Suggested uses do not constitute an assurance of suitability for the recommended purpose. The information in this publication and our declarations in Connection with this publication do not constitute acceptance of a guaranteed or warranted characteristic. Guarantee declarations require our separate express written declaration in order to be effective. We reserve the right to adapt the product to technical progress and new developments. The products described in this publication are only sold to customers with the appropriate expertise and not to consumers. Please do not hesitate to contact us if you have any questions or if you experience any specific application problems. If the application for which our products are used is subject to an official approval requirement, the user/processor is responsible for obtaining these approvals. Our application recommendations do not exempt the user/processor from the obligation to examine and, if necessary, clarify the possibility of infringements of third-party rights. In all other respects, we refer to our General Terms and Conditions (GTC). These are available at: www.roechling-industrial.com/gtc



ri-inquiry@roechling.com • www.roechling.com/industrial/materials

Print: 31/05/2026 • Release: 10/01/2024 • Version: 3.0
 PIM-ID: 710093 • PIM-Code: 90-19-8.9.13.17-5.11.7.6-6
 Company-IDs: 20000-1

Page 2 / 2 (Dates in DD/MM/YYYY)

