

## テクニカルデータシート

Trafoboard<sup>®</sup> HD-PH

## 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
<b>一般的物性</b>			
密度	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1.15 - 1.35
<b>機械的物性</b>			
Flexural strength <sup>⊥</sup> (MD)	IEC 60763-2	MPa	120
Flexural strength <sup>⊥</sup> (CMD)	IEC 60763-2	MPa	110
Flexural modulus <sup>⊥</sup> (MD)	IEC 60763-2	MPa	13000
Flexural modulus <sup>⊥</sup> (CMD)	IEC 60763-2	MPa	10500
Compressibility (C)	IEC 60763-2	%	2.6
Compressibility (Crev)	IEC 60763-2	%	93
<b>熱的物性</b>			
絶縁階級	IEC 60085	/	A
<b>機械的特性</b>			
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
<b>電気的特性</b>			
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

	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

<sup>1)</sup> = 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.

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### Röchling Industrial SE & Co. KG

Röchlingstr. 1 • 49733 Haren (Ems)/Germany (DE) • Tel. +49 5934 701-0  
[info@roechling-plastics.com](mailto:info@roechling-plastics.com) • [www.roechling.com/industrial/haren](http://www.roechling.com/industrial/haren)

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