

Technický datový list

Trafoboard® HD-PH

Pressboard

Vlastnosti produktu

- Phenolic-resin glued pressboard according to IEC 60763-3-1 type LB 3.1A.2
- Made from hot pressed transformer pressboard, 100% unbleached sulphate cellulose, according to IEC 60641-3-1 type 3.1
- Electrically insulating
- Good mechanical properties

Typické oblasti použití

- Transformátory
- Elektrotechnický průmysl
- Elektrické izolační konstrukční díly
- Olejové transformátory

	Testovací metoda	Jednotka	Orientační hodnota
Obecné vlastnosti			
Hustota	DIN EN ISO 1183-1	g / cm ³	1.15 - 1.35
Mechanické vlastnosti			
Pevnost v ohybu ¹⁾ ⊥ (MD)	IEC 60763-2	MPa	120
Pevnost v ohybu ¹⁾ ⊥ (CMD)	IEC 60763-2	MPa	110
Modul pružnosti v ohybu ⊥ (MD)	IEC 60763-2	MPa	13000
Modul pružnosti v ohybu ⊥ (CMD)	IEC 60763-2	MPa	10500
Stlačitelnost (C)	IEC 60763-2	%	2.6
Stlačitelnost (Crev)	IEC 60763-2	%	93
Tepelné vlastnosti			
Izolační třída	IEC 60085	/	A
Fyzikální vlastnosti			
Smrštění (MD)	IEC 60763-2	%	0.20
Smrštění (CMD)	IEC 60763-2	%	0.30
Smrštění (tloušťka)	IEC 60763-2	%	1.50
Obsah vlhkosti	IEC 60763-2	%	< 5

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	Testovací metoda	Jednotka	Orientační hodnota
Absorpce oleje	IEC 60763-2	%	10
pH vodného extraktu	IEC 60763-2	pH	7.1
Dielektrické vlastnosti			
Intenzita pole na začátku PD II	HS-OS ^1)	kV / mm	10
Vodivost vodného extraktu	IEC 60763-2	mS/m	7.1
Elektrická pevnost v oleji při 90 °C II	IEC 60243-1	kV / mm	> 9

MD = Machine Direction

CMD = Cross-Machine Direction

¹⁾ = contact us for further information

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