

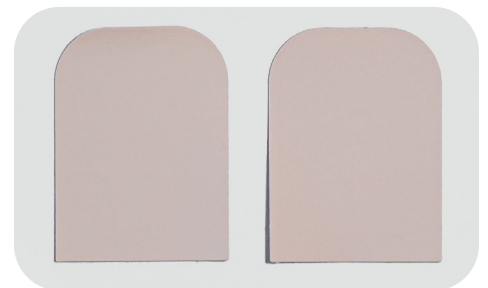
L 86 / 50 – PEEK KERATHERM®

Benefits

- Double layer material
- High electrical insulation
- Higher thermal performance in comparison to comparable hybrid films
- No removal of a carrier film require

Properties	Unit	
Carrier material		PEEK® – Folie
Material thickness	µm	25
Compression material		Keratherm 86/50
Thickness	µm	225
Laminate construction		86/50-PEEK®-Folie
Thickness	µm	250
Thermal conductivity*	W/mK	1.1
Thermal resistance R _{th}	K/W	0.51
Dielectric breakdown	KV/mm	8.0
Hardness	Shore A	70 - 80
Application temperature	°C	-40° to +250°
Tensile strenght	N/mm ²	8

* Measured @ thickness 0.25mm



Customized, KERATHERM® Hybrid film with PEEK® carrier film



Note

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. KERAFO[®] is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. All specifications are subject to change without notice. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded. In case KERAFO[®] would be nevertheless held liable, on whatever legal ground, KERAFO[®]'s liability will in no event exceed the amount of the concerned delivery. All KERAFO[®] products are sold pursuant to the KERAFO[®]'s Terms and Conditions of sale and delivery in effect from time to time, a copy of which will be furnished upon request.

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