

# 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	
<b>Carrier material</b>		<b>PEEK® – Folie</b>
Material thickness	µm	25
<b>Compression material</b>		<b>Keratherm 86/50</b>
Thickness	µm	225
<b>Laminate construction</b>		<b>86/50-PEEK®-Folie</b>
Thickness	µm	250
Thermal conductivity*	W/mK	1.1
Thermal resistance R <sub>th</sub>	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 <sup>2</sup>	8

\* Measured @ thickness 0.25mm



Customized, KERATHERM® Hybrid film with PEEK® carrier film