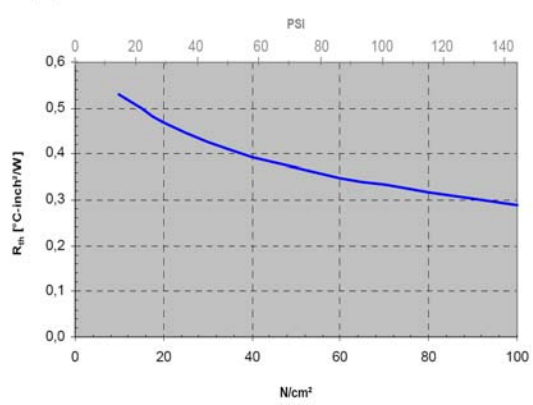


## TECHNICAL DATA SHEET

CMC TYPE	15039																					
Product description	One-side adhesive, thermally conductive silicone film for the thermal connection of diodes, rectifiers and electronic modules, for example, in automotive applications, in solar technology or motor controls.																					
Supporting Base	Silicone with ceramic filling																					
Reinforcement	glass fiber																					
Colour	grey																					
Material thickness in mm	0.24 ± 0.05																					
Thermal properties																						
Thermal conductivity in W /mK	2.5																					
Flammability according to UL 94	V0																					
Temperature range in °C	-50 up to +200																					
Electrical properties																						
Dielectric strength in kV AC	2.0																					
Volume resistivity in ohm x cm	2.0 x 10 <sup>14</sup>																					
Other properties																						
<div>CMC 15039 R<sub>th</sub> vs. N/cm² (PSI)</div> <div><table><caption>Approximate data points from the graph</caption><thead><tr><th>Pressure (PSI)</th><th>Pressure (N/cm²)</th><th>R<sub>th</sub> (°C·inch²/W)</th></tr></thead><tbody><tr><td>10</td><td>10</td><td>0.55</td></tr><tr><td>20</td><td>20</td><td>0.48</td></tr><tr><td>40</td><td>40</td><td>0.40</td></tr><tr><td>60</td><td>60</td><td>0.36</td></tr><tr><td>80</td><td>80</td><td>0.33</td></tr><tr><td>100</td><td>100</td><td>0.30</td></tr></tbody></table></div>	Pressure (PSI)	Pressure (N/cm²)	R <sub>th</sub> (°C·inch²/W)	10	10	0.55	20	20	0.48	40	40	0.40	60	60	0.36	80	80	0.33	100	100	0.30	<div><ul style="list-style-type: none"><li>- one-side adhesive</li><li>- very good thermal contact</li><li>- high mechanical stability</li><li>- extraordinary chemical resistance and long-term stability</li><li>- residue-free removal after use</li></ul></div>
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Storage conditions: cool and dry (15 - 25°C, &lt; 65% rel. humidity)

09/14

Quality guarantee: 12 months

The technical data are average values and subject to change without notice. They are not intended to replace user's testing.