



preliminary technical data sheet

CMC TYPE	CMC 15142
Product description	CMC 15142 is a self adhesive insulating tape based on highly hydrolysis resistant PPSU film recommended as subgasket frame material in PEM fuel cells. A protective liner is included.
Backing material	PPSU film (polyphenylene sulfone)
Colour	colourless
Substrate thickness in mm	0.050
Total thickness in mm	0.065 ± 0.005
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal properties	
Temperature performance (max.) in °C	155
Insulation class according to IEC 60085	F
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 8'000
Mechanical properties	
Tensile strength in N/cm	≥ 25
Elongation at break in %	≥ 50
Other properties	

Recommended storage cond.: cool and dry (15 - 25°C, < 65% rel. humidity)

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Quality guarantee: 12 months

Technical data represents average values subject to change without notice. It is not intended to replace users' testing.

Note on REACH: Some of our products do contain substances from the so-called candidate list. Please visit <https://www.cmc.de/en/reach> and check whether or not a purchased product is listed in our REACH statement and therefore does contain one or more SVHCs.