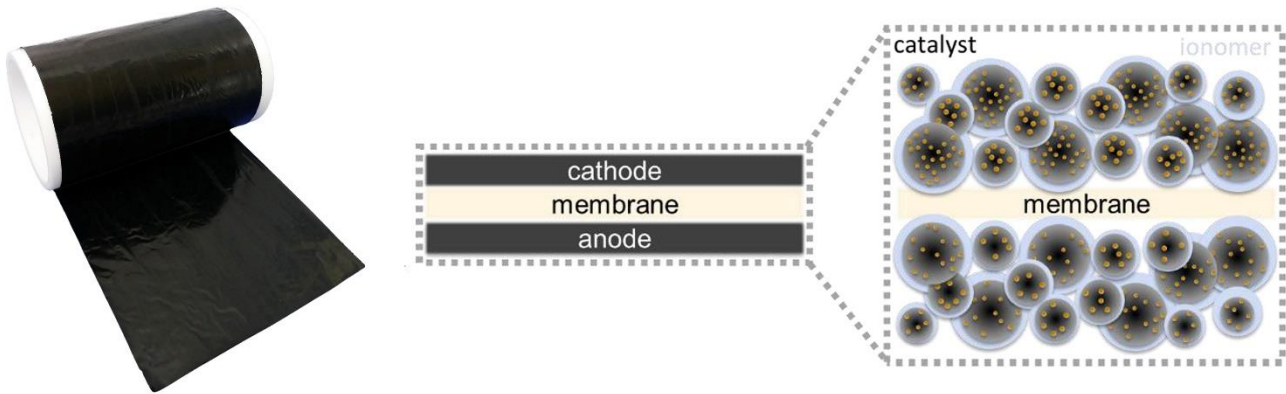


Technical Data Sheet

Catalyst coated membrane (CCM) for heavy-duty application

Description:

The CCM consists of a cation exchange membrane, coated with a cathode and anode catalyst layer.



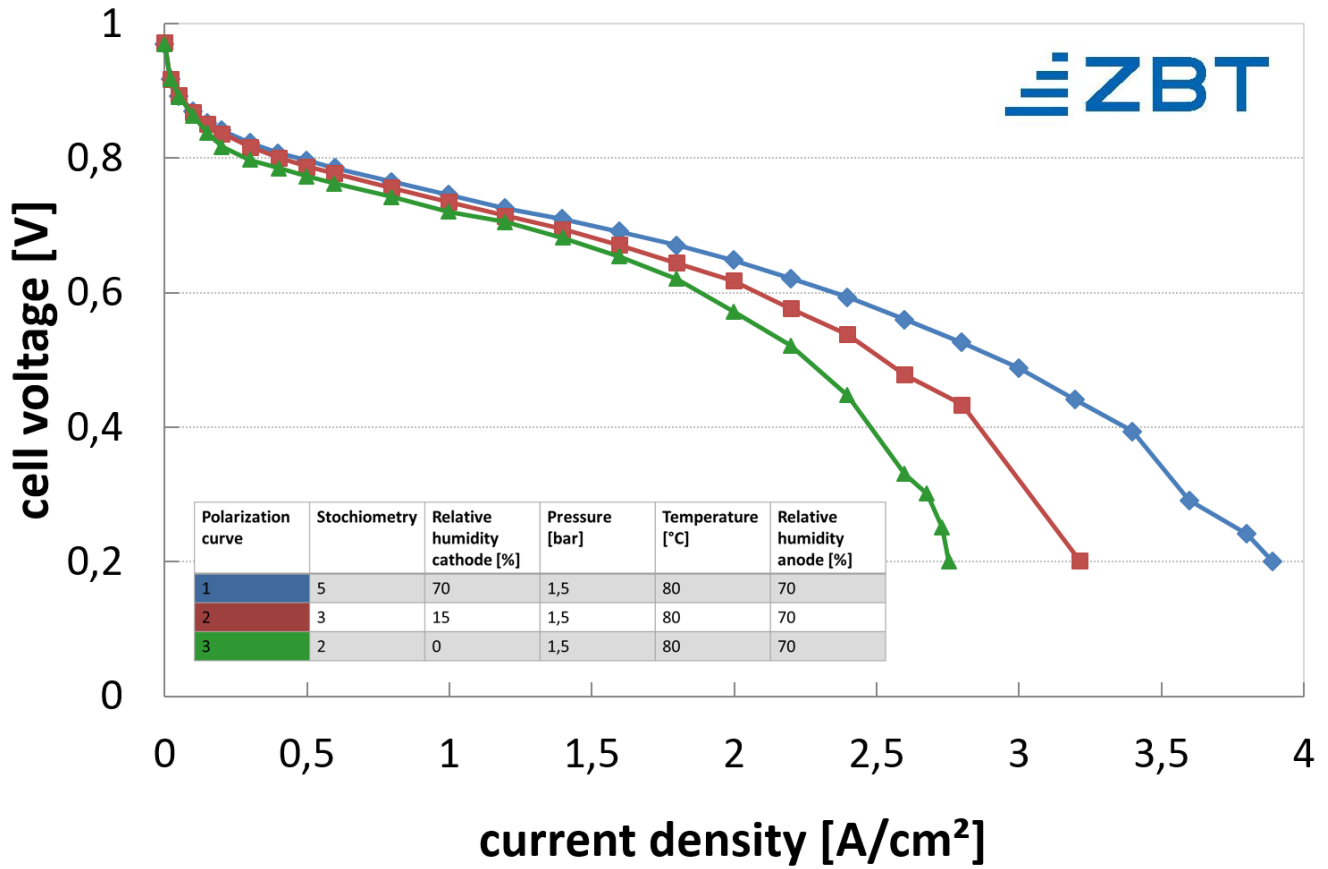
Range of applications:

For usage in PEM-fuel cells in heavy-duty or car applications

Physical and electrochemical properties:

	unit	specification
membrane type	-	Cation exchange membrane
thickness	µm	38 ± 4
total Pt loading*	mg/cm ²	0.39 ± 0.02

* loading measured with X-ray fluorescence spectroscopy



Polarization curves measured in a 25 cm² single cell set-up after assembly of the CCM with gas diffusion layers

Delivery form:

The product can be supplied in rolls up to 300 mm width (wider and customized dimensions on request).