

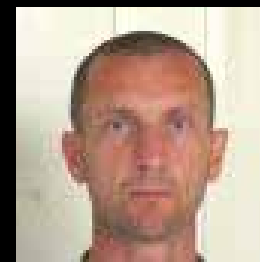
Skelná vlákna tradičně a netradičně



izolace a membrány



M. Míka



J. Hamáček



J. Kutzendörfer



B. Klápště

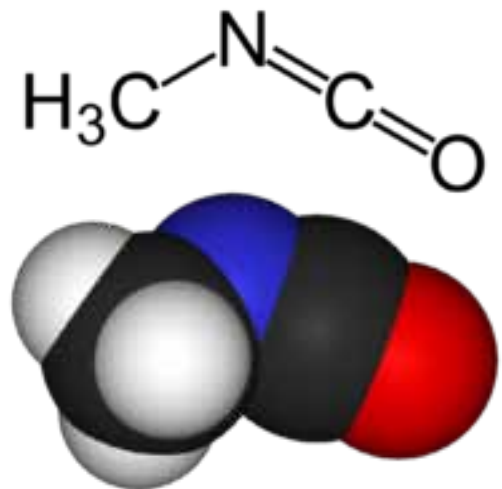
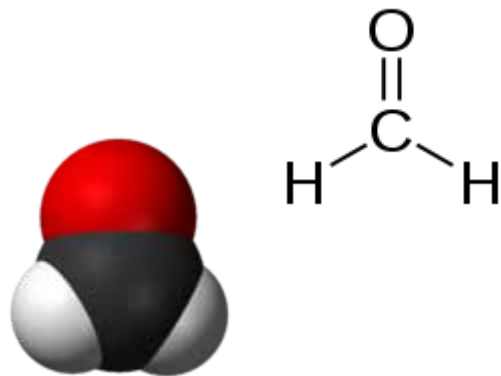
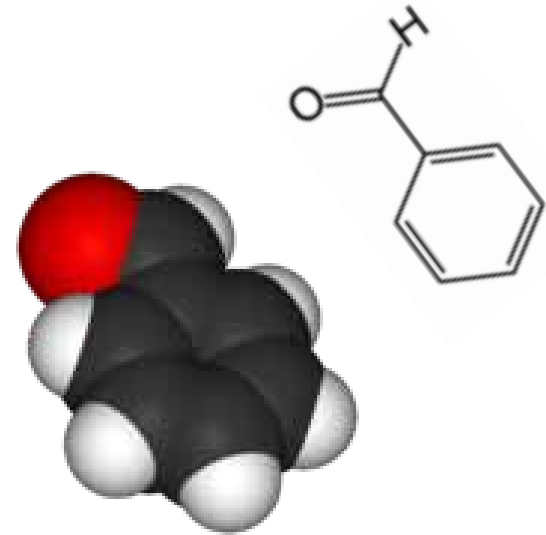
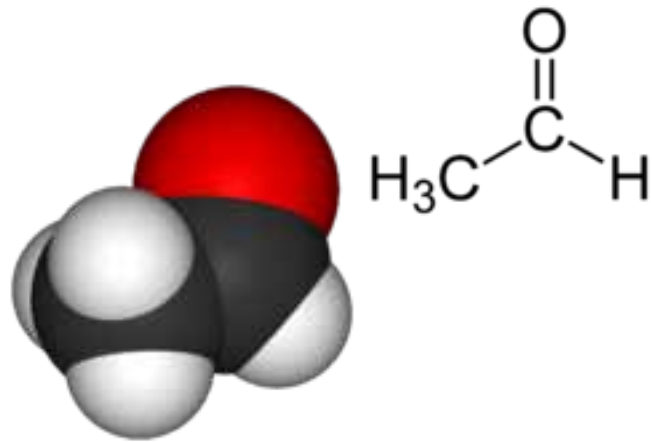
M. Špicarová

M. Jakub

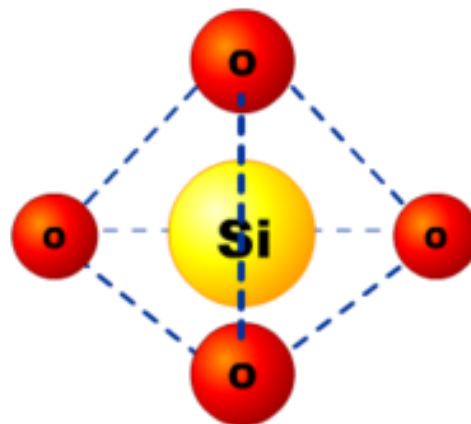
Vlákno bez pojiva



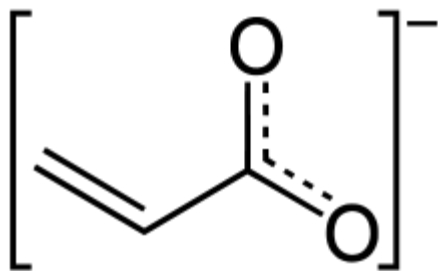
Izolace pro potravinářství



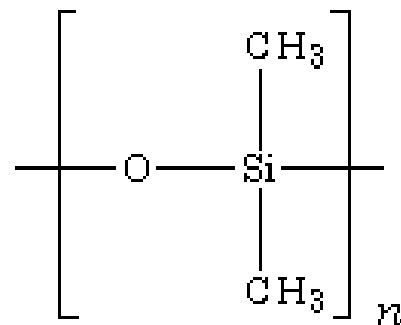
Zkoušená pojiva



akryláty



polysiloxany



Nanášení pojiva



Složení vrstvy



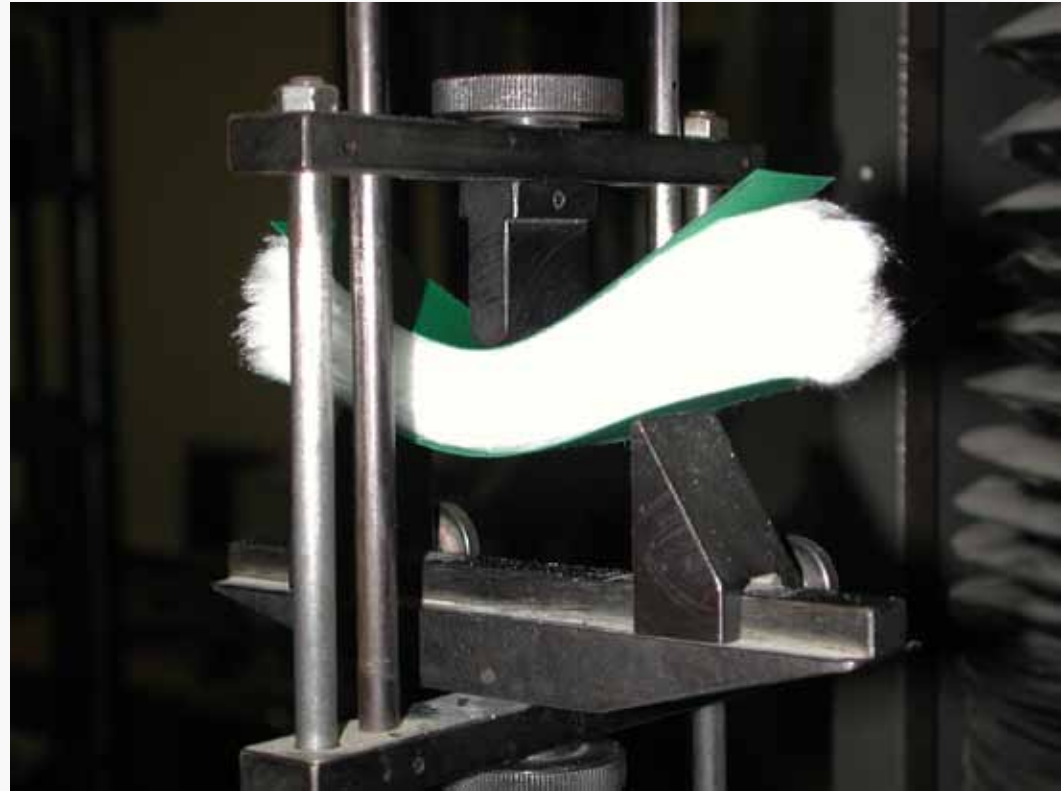
Sušení



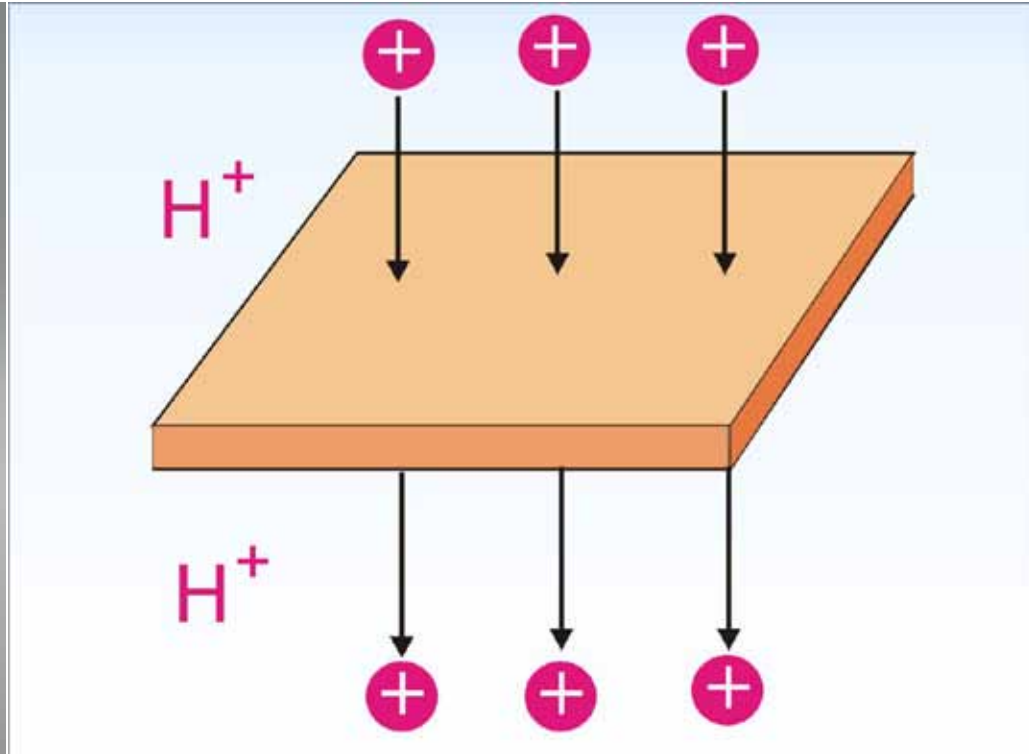
Spojené vlákno



Zkoušky



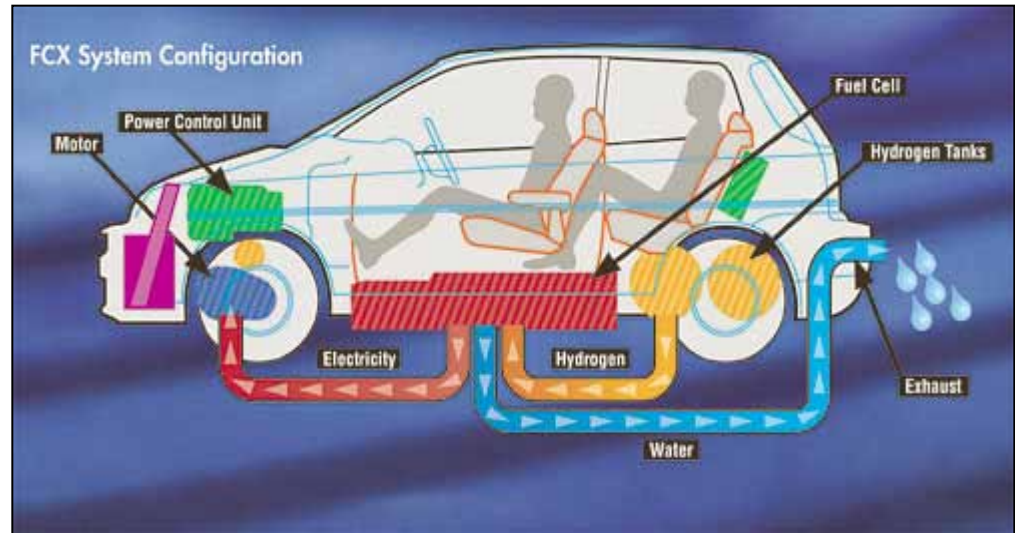
Polysiloxanové membrány



H₂/O₂ palivový článek



Honda s H₂/O₂ palivovým článkem

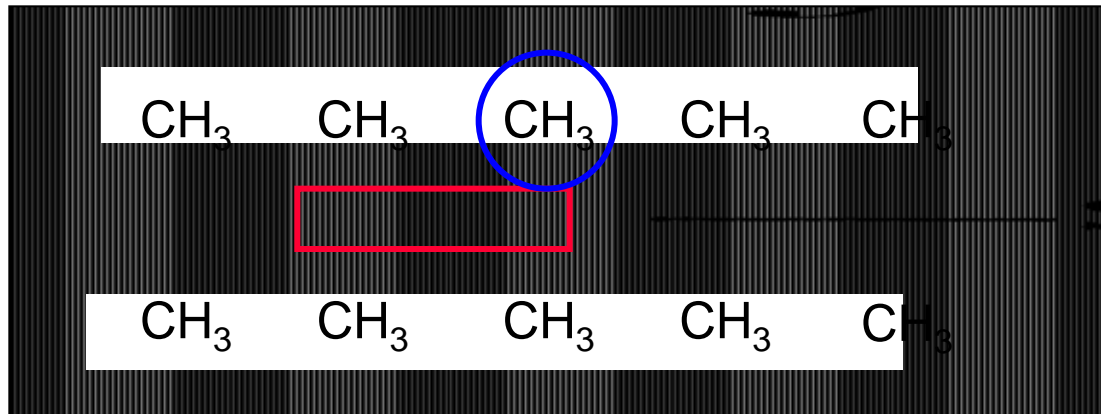


08 **FCX CLARITY**
ZERO-EMISSION HYDROGEN
POWERED FUEL CELL SEDAN



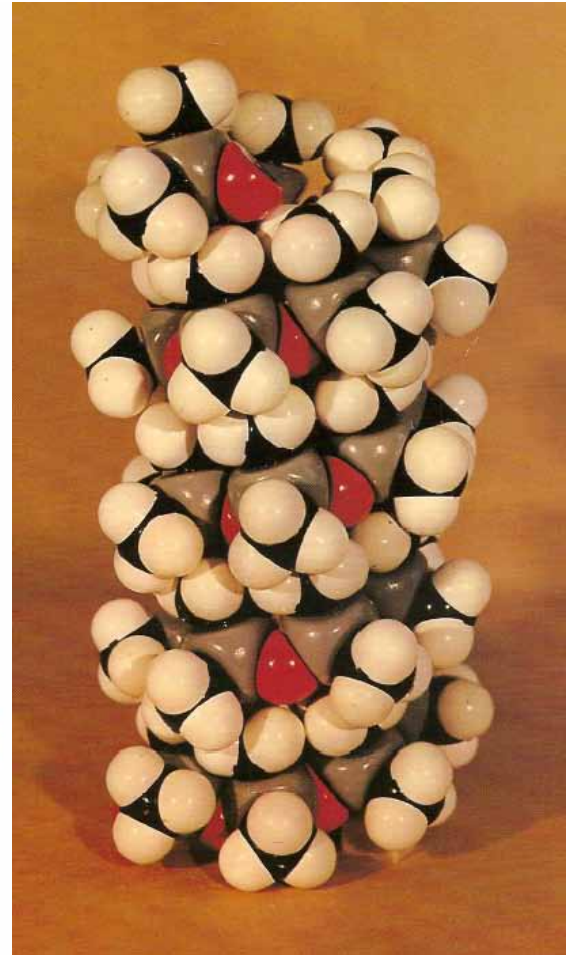
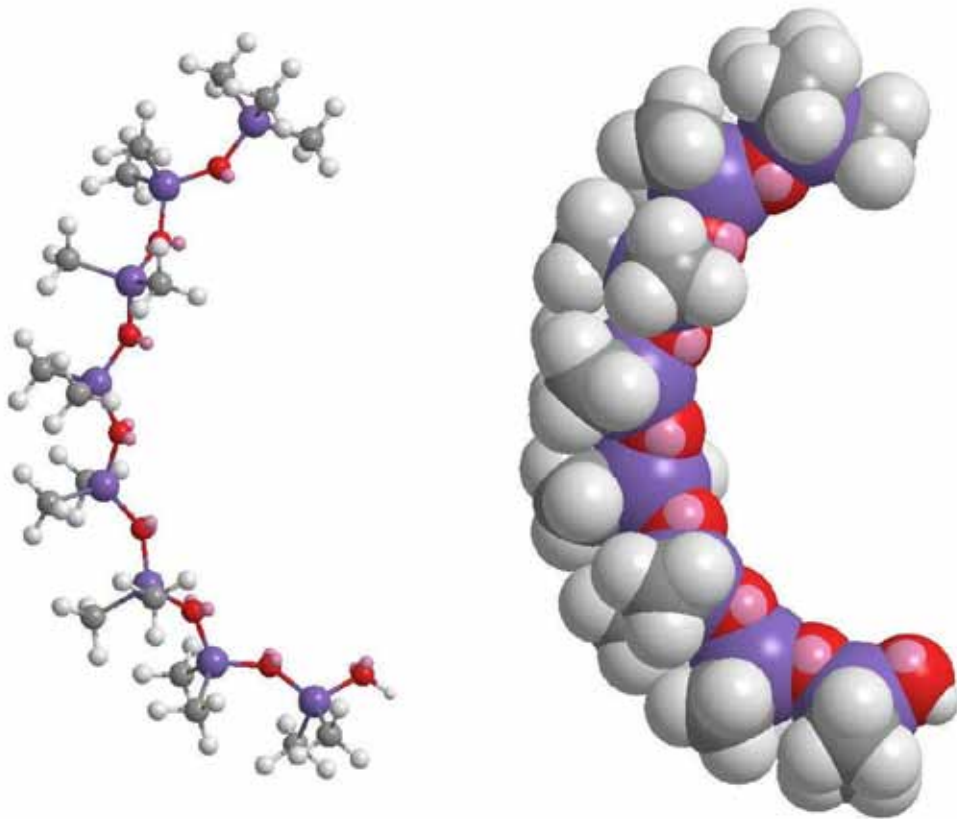
3-Year
\$600/month lease
Limited release

Polysiloxany

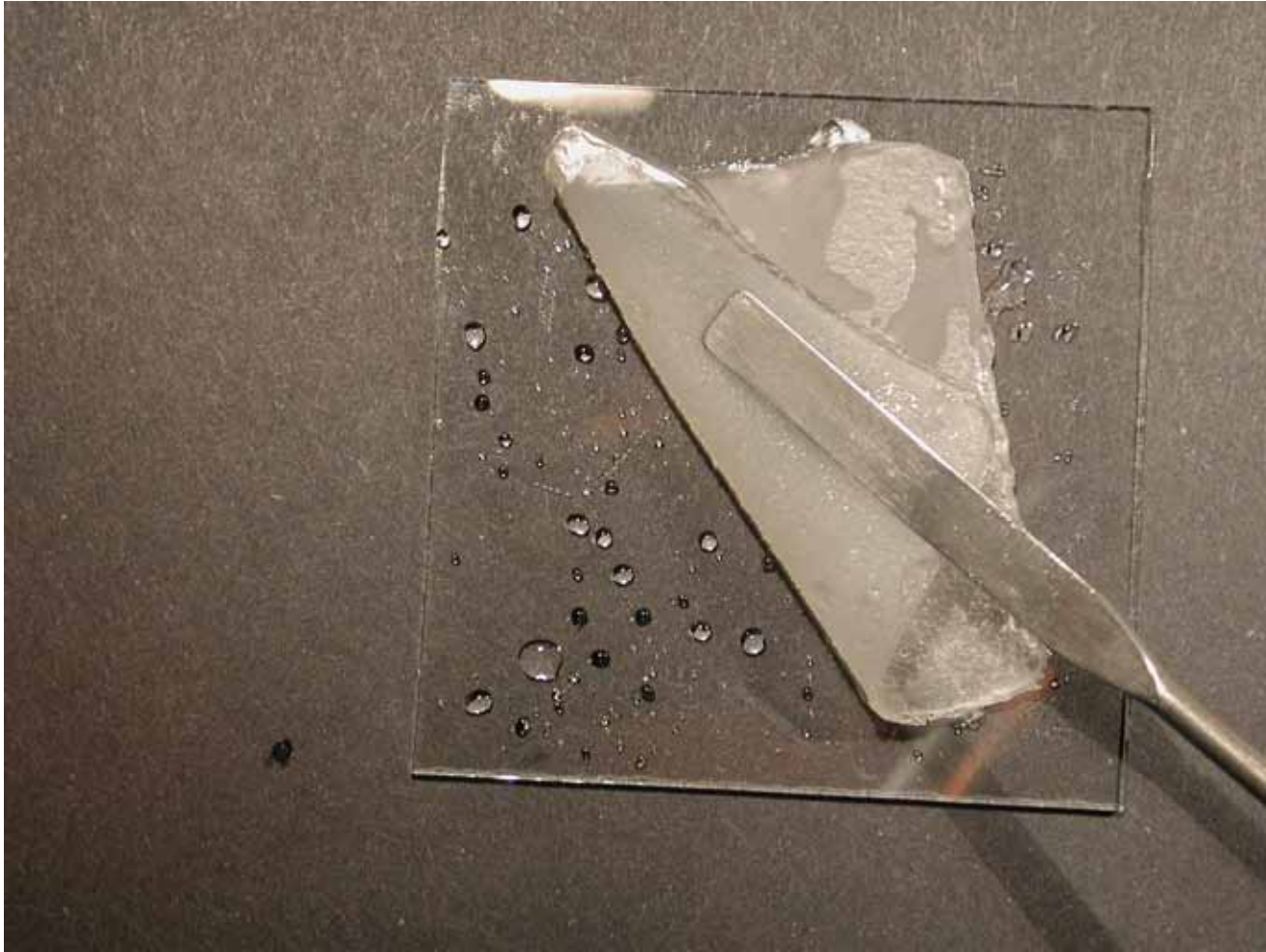


Polydimethylsiloxan

Model

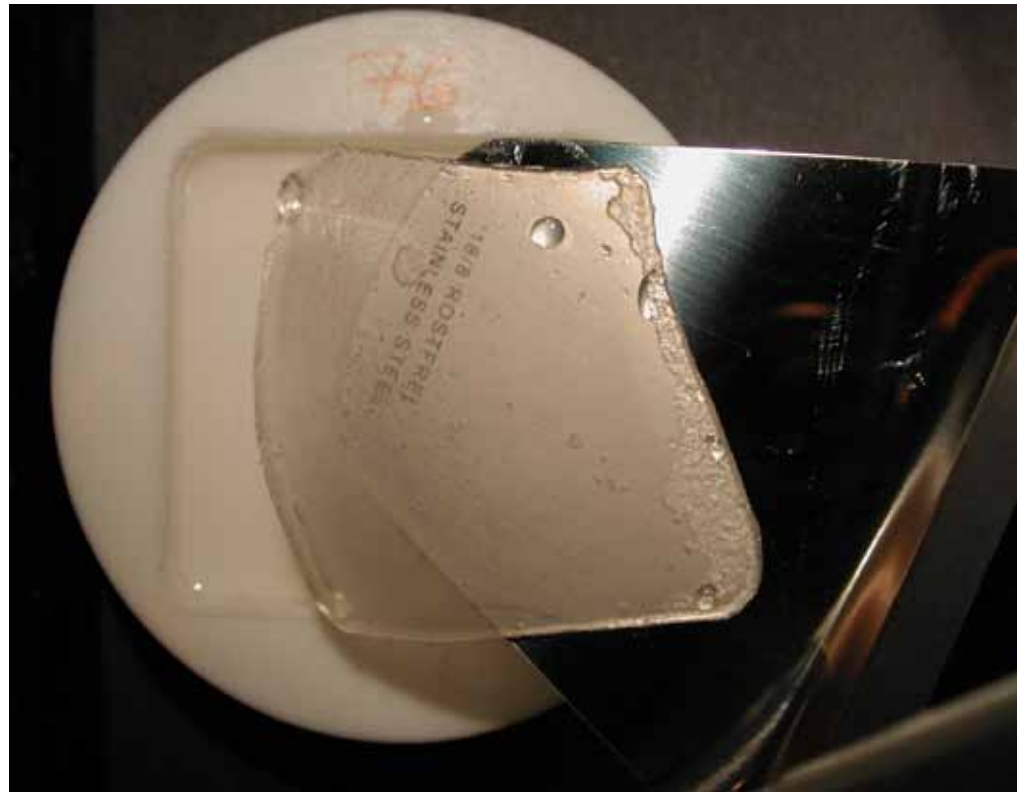


Hybridní membrána 1



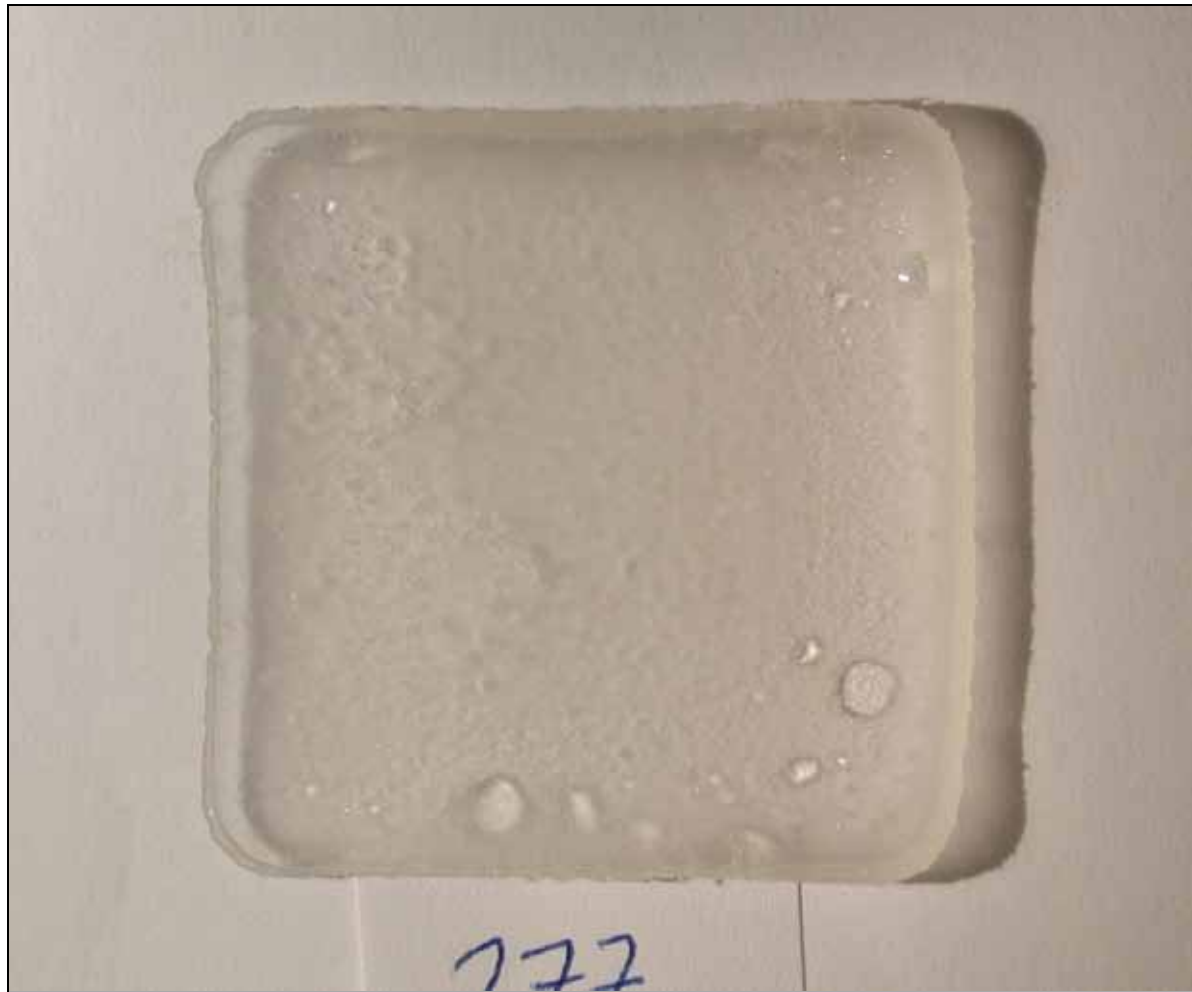
Polysiloxan + H_3PO_4

Hybridní membrána 2



Polysiloxan + H₃PO₄ + n-SiO₂

Hybridní membrána 3



Polysiloxan + H_3PO_4 + n-SiO₂ + vlákno



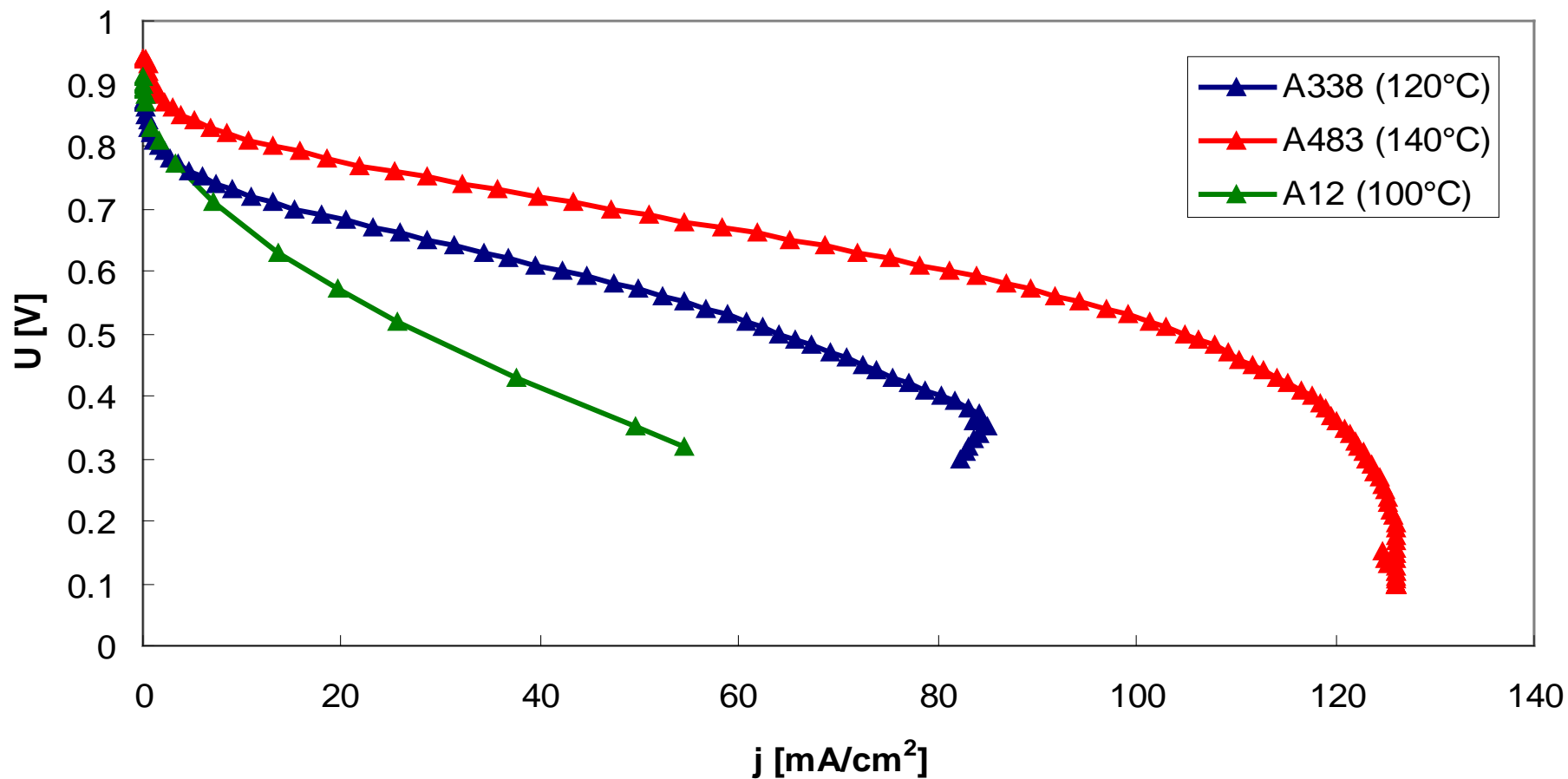
Palivový článek

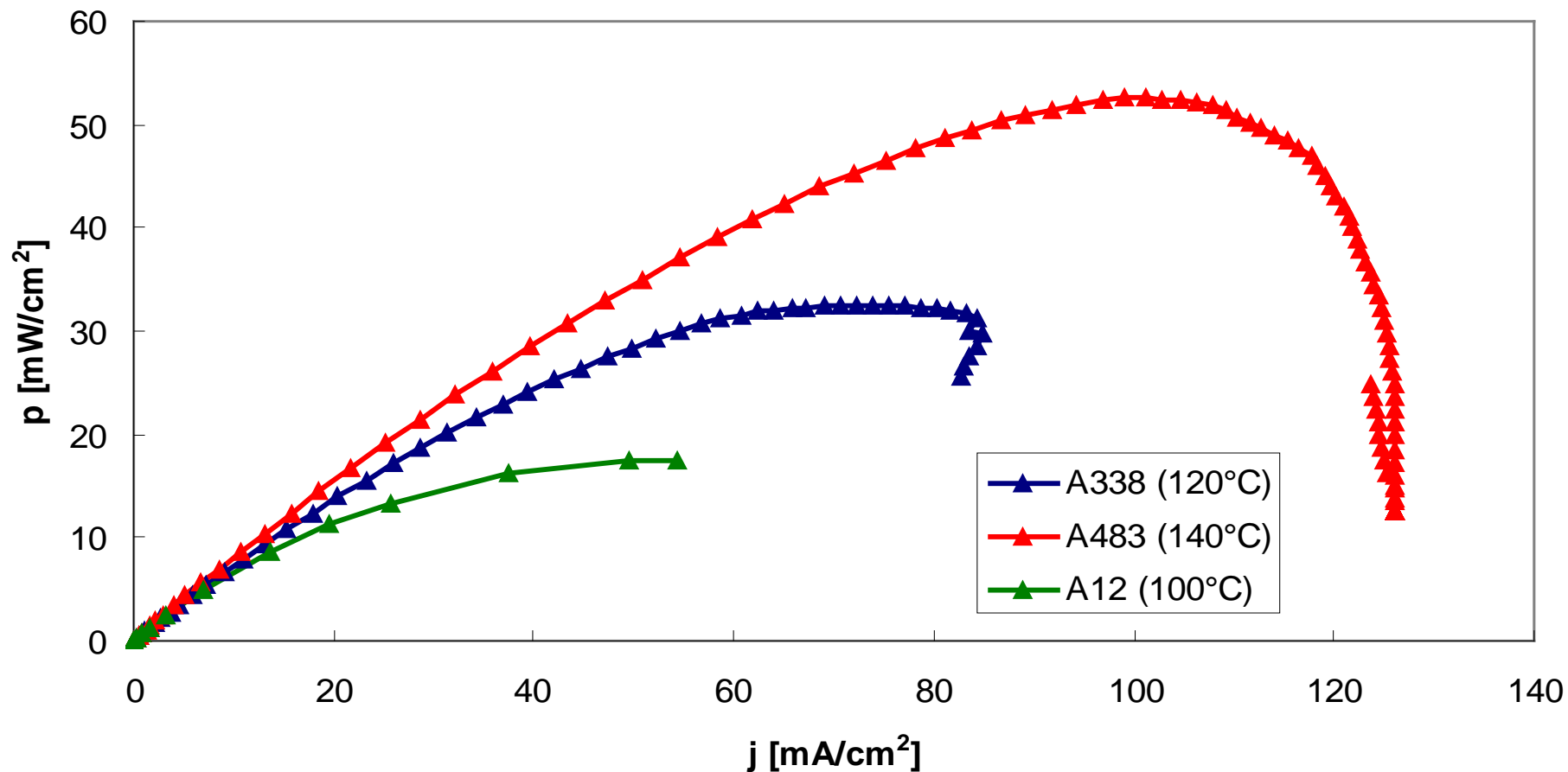
Základ

n-SiO₂

Vlákno

Polarizační křivky různých vzorků membrán



Výkonové křivky různých vzorků membrán



HydroGen3

Finanční podpora



Chevrolet Equinox

MPO 2A-1TP1/063
CEZ:MSMT 2231 00002