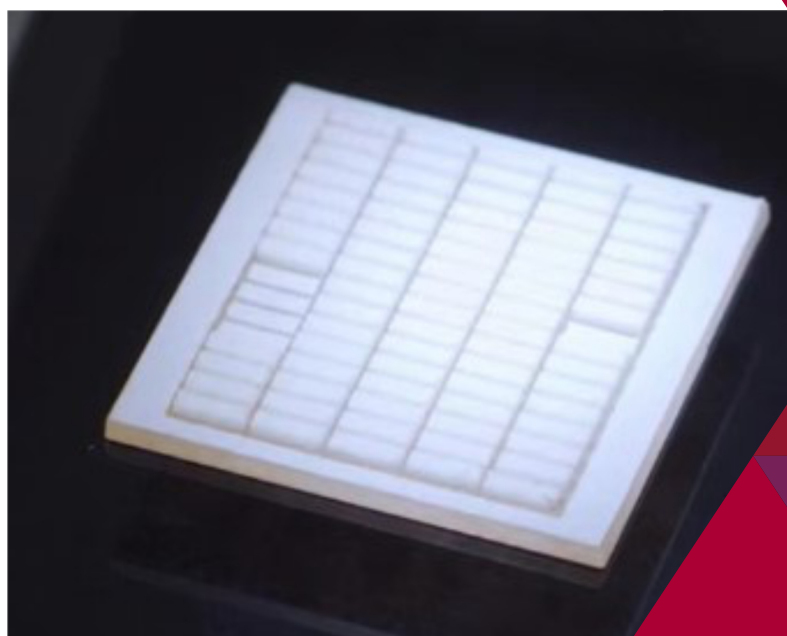




PRODUCTS FOR BATTERY

HCCF Precision Humidity Control Material



HCCF Precision Humidity Control Material

Humidity Condensation Control Fiber is an high efficiency anti-fog control material. It can effectively control the humidity of the environment, inhibit condensation and fogging.

Applications

- » Installed in the battery pack to maintain the appropriate humidity
- » Can be also used in the electric box and camera lens.

Features

- » Efficient moisture control
- » Suppression of fog and condensation
- » Satisfies 15-year operational conditions
- » Meet RoHS and REACH requirement

Product Properties

Item	Unit	Test Standard	Remark
Thickness	mm	0.45 ± 0.05	
Weight	kg/m ²	0.28 ± 0.05	
Control Value	%	50 ± 5	Testing Temperature: 24 °C
Rate of Hygroscopicity			In 500 mL enclosed space, the initial humidity >70 %, and the material can control the spatial humidity to <50 %. Moisture absorption curve reference below.
Moisture Liberation Rate			In 500 mL enclosed space, the initial humidity is less than 25 %, the material can control the space humidity to 50 %. Dehumidification curve reference below.
Hygroscopic capacity	%	≥ 100	Data after 24 h at 25 °C, 90 % RH

