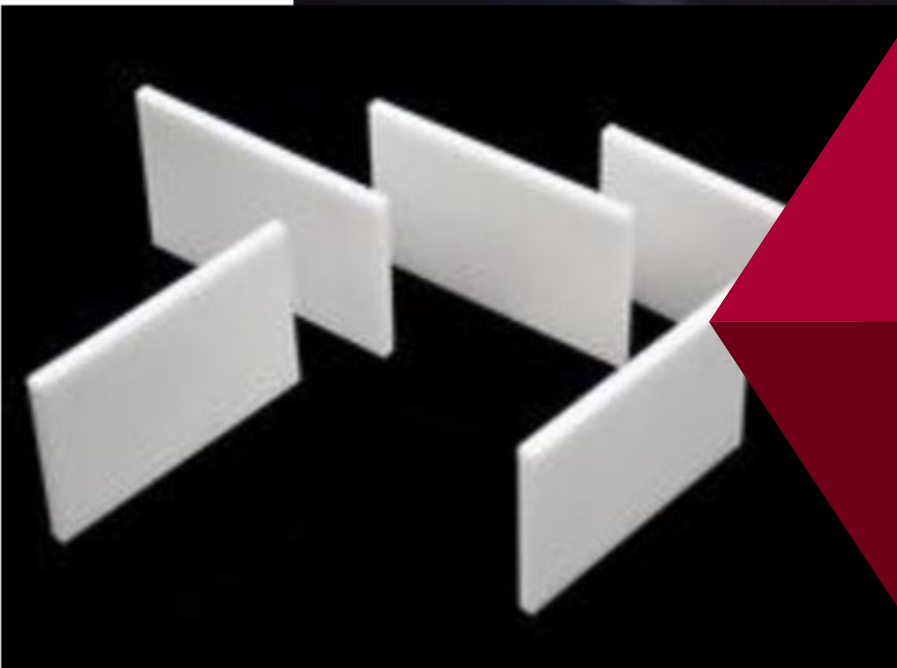
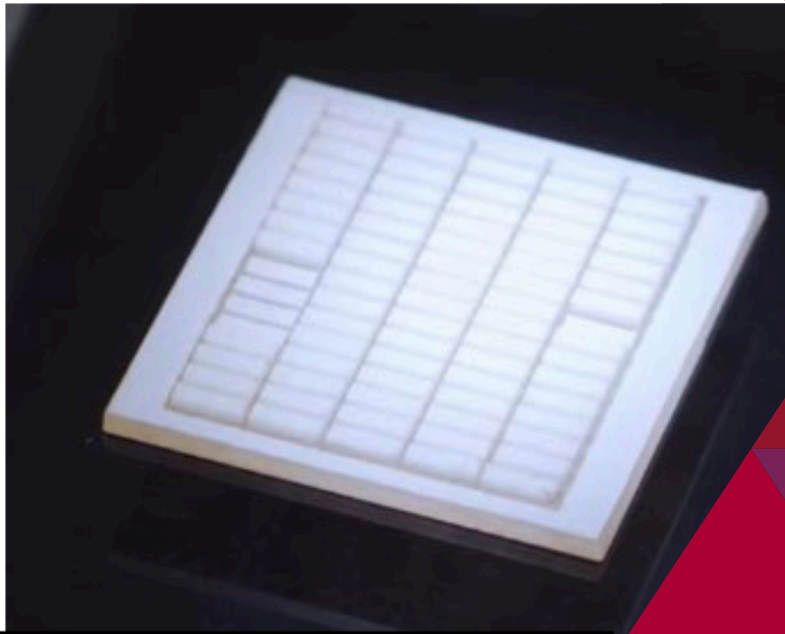




PRODUCTS FOR BATTERY

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 |

