

# B820FR

## Bondable Films

- B820FR is a high modulus, low elongation, bondable, fluid barrier, fire retardant (UL94 VTM-0), halogen free film that can be used as a barrier film on composite structures where aviation fuel, hydraulic oils and moisture absorbed into a composite structure is a concern.
- B820FR is available in opaque and white that can be painted or printed upon and is a very good insulator
- B820FR is a development material that may change characteristics before being offered as a production product, depending on our customers' needs.

### PHYSICAL PROPERTIES

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|----------------------------|---------------------------|------------|
| • Maximum Use Temperature: | 205°C                     | 400°F      |
| • Tensile Strength:        | 1,406 Kg/cm <sup>2</sup>  | 20,000PSI  |
| • Elongation               | 120%                      |            |
| • Modulus                  | 36,556 Kg/cm <sup>2</sup> | 520,000PSI |

### AVAILABILITY & PACKAGING

- Available in 50μ (.002") and a max width of 48" until production can be realized.

STORAGE & HANDLING
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| <ul style="list-style-type: none"> <li>• Shelf Life is unlimited when stored in its original container in a dry environment</li> </ul> |
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