ACTON TECHNOLOGIES

Worldwide Fluoropolymer Surface Modification Specialists

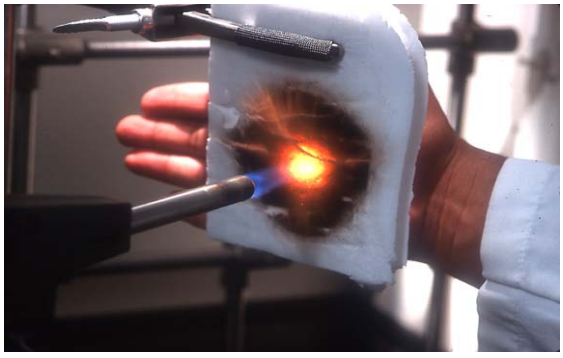
Introduces

ULTRAFLEX FOAM

based on KYNAR® PVDF resin

KYNAR ULTRAFLEX™ foam can be molded or thermoformed into a wide variety of shapes, thicknesses

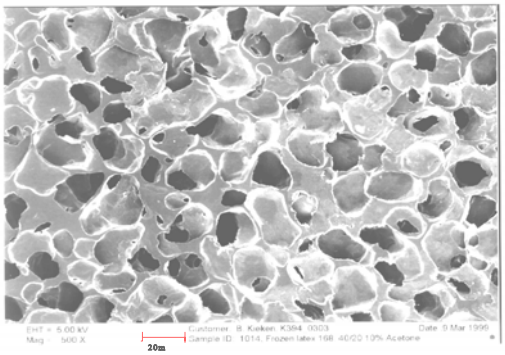
A unique new technology creates open-celled construction foams that exhibit most of the known properties of Arkema's KYNAR® polyvinylidene fluoride (PVDF) fluoropolymer without the use of blowing agents or melt processing. This method allows the creation of foams with substrates that would otherwise be sensitive to heat or chemicals used in other foaming methods. This composite technology creates properties that are not inherent in open-cell construction polymers.



Glass encapsulated in PVDF ULTRAFLEX resists burn-through by a propane torch longer than a 1/8" aluminum sheet, while exhibiting virtually no flame or smoke generation.

PVDF Foam & Foam Composites

- Viscoelastic Properties
- Open-Cell Construction
- Breathable
- Does Not Support Combustion
- Chemically Stable to 250°C
- Heat Resistant
- Uniform Cell Sizing
- 70 – 90% Free Volume Spacing
- Fillers Create Composite Structure
- Transparent to UV Radiation
- Weatherable and Water Repellent
- Thermoformable



Open-cell structure allows for moisture vapor transmission and hydrostatic pressure resistance. Pore size can be adjusted with foam density.

For information on your application, please contact the exclusive fabricator of KYNAR ULTRAFLEX™ foams:

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ARKEMA

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