

FINALLY, A KYNAR® GRADE FOR SEALS, O-RINGS, AND DIAPHRAGMS

Kynar UltraFlex™ is an elastomeric material based on Arkema's proven PVDF (polyvinylidene fluoride) resin. This unique fluoropolymer exhibits exceptional resistance to chemicals, ozone, ultraviolet light, radiation and moisture. Molding is very similar to many fluoroelastomers without the use of curing agents and molding time is significantly reduced. Post-curing of molded parts improves mechanical properties and chemical resistance.

PVDF Elastomers

- Clear Elastomeric Fluoropolymer
- Not Affected by UV or Radiation
- Weatherable
- Water Repellent
- Broad Chemical Resistance
- No Curing or Cross-Linking Agents
- No Shelf Life for Feed Stock



KYNAR ULTRAFLEX™ Elastomer is a clear elastomeric fluoropolymer that resists chemicals, ozone, UV rays, radiation and moisture.

ASK ABOUT OUR CUSTOM MOLDING SERVICES!

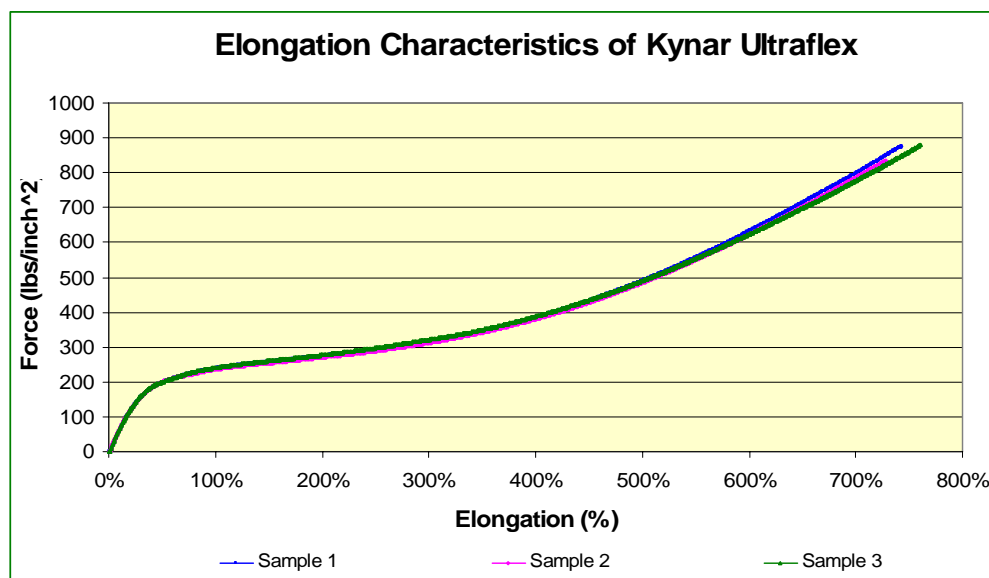
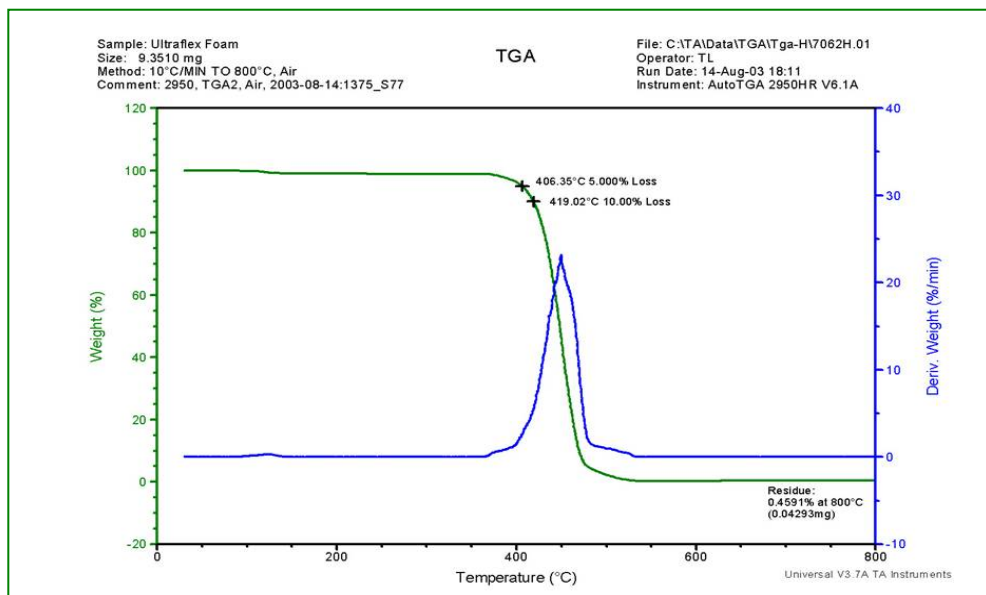
<u>Specification:</u>	<u>Value</u>	<u>Unit of Measure</u>
Durometer Hardness	55	Shore A
Firmness	15	Firmness Rating Scale
Tensile Strength	825	Pounds per Square Inch
Elongation	730	Percent
Specific Gravity	1.78	g/cc
Density	111	lbs per cubic ft
Minimum Temperature	-15	Degrees Fahrenheit
Maximum Temperature	420	Degrees Fahrenheit
Compression Set @ 70 F	16	Percent
Compression Set @ 150 F	24	Percent
Compression Set @ 250 F	31	Percent
Compression Set @ 400 F	35	Percent
Color	Clear	

All values for reference only, not to be used for specifications

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

CHEMICAL RESISTANCE

Kynar® resins demonstrate excellent resistance to an extensive array of chemicals. They resist attack from most inorganic acids and alkalis, aliphatic and aromatic hydrocarbons, organic acids, alcohols and halogenated solvents. However, strong alkalis (i.e. pH >12) and strong polar solvents such as acetone, ethyl acetate, dimethylformamide and dimethylacetamide can impede the effectiveness of Kynar® resins.



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