

Quantum Polymers Featured In Plastics Distributor & Fabricator Magazine

KYNAR® PVDF Fluorinated Polymer Portfolio of Stock Shapes

Quantum Polymers is a leading extruder of Kynar extruded stock shapes to include rod, plate and heavy wall tubular bar. Quantum's Kynar portfolio of products includes grades Kynar 740 (homopolymer), Kynar FLEX (copolymer) and Kynar UHM (glass filled).

Homopolymer grades of Kynar are known for their low water absorption and high LOI (limiting oxygen index). Copolymer grades of Kynar are known for their high tensile elongation and high impact strength. Kynar UHM glass filled PVDF has high flexural modulus and excellent creep resistance. All Kynar grades have excellent chemical resistance to strong acids and weak bases.



Machined components from Kynar stock shapes perform at a higher level than stainless steel or exotic metal alloys in applications where light weighting is of concern, and where strong, tough and corrosion free service is critical. Kynar stock shapes are a step up from PVC, PP and CPVC when purity, low smoke or increased resistance to radiation is required.

Quantum's Kynar stock shapes are hot air annealed for dimensional stability. Annealing is critical for ease of machining and final part surface smoothness.

Rods are available from 1/2" to 8" diameter. Plates are available from 1/2" to 6" thick in widths 12", 18" and 24" wide. Heavy wall tubular bars (wall thickness \geq .500") are available on a custom basis.

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