KYNAR® 740 PVDF Shape Data from Quantum Polymers

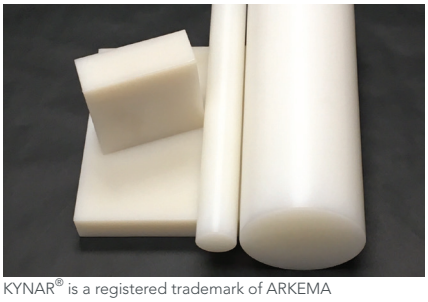
Shape Data Property Tested	ASTM Test Method	Units	KYNAR® 740 PVDF Values
Density	D792-13	g/cm^3	1.78
HDT at 264 psi	D648-16	°C	105
IZOD Impact, notched, 23°C	D256-10	ft-lb	3.0
Tensile Strength	D638-14	MPa	52.4
Tensile Impact Strength	D1822-13	$ft\text{-}lb/in^2$	8.5
Tensile Elongation at Break	D638-14	%	30
Tensile Modulus (Young's)	D638-14	MPa	2138
Dimensional Stability (change in diameter)	D6713-14	%	0.08
Dimensional Stability (change in thickness)	D6713-14	%	-0.13

APPLICATIONS

- Valves and fittings
- Components for wet processing stations
- Flanges and spacers
- Pump and valve components
- Tanks and process equipment

FEATURES

- Compliance to the requirements of ASTM D6714-14 S-PVDF0111
- Outstanding chemical and UV resistance
- Good mechanical properties
- Compliance to FDA, NSF and 3-A requirements



KYNAR® is a registered trademark of ARKEMA

SIZES

Plates
Thickness: 3/8" to 6"
Width: 12", 18", 24"
Length: 4'

Rods
Diameter: 3/8" to 12"
Length: 4' | 8' | 10'

Tubular Bars
OD: 3" to 6", 10", 12"
Wall Thickness ≥ 1/2"
Length: 4' | 8'

Quantum Polymers is an ISO 9001:2015 certified company

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