KYNAR®

TECHNICAL DATA SHEET

KYNAR® G150 POWDER

FLUORINATED HOMOPOLYMER POWDER

Kynar® resins are fluorinated thermoplastic homopolymers.
Kynar® G150 resin is a crystalline high viscosity polymer of polyvinylidene difluoride. It is an engineering polymer with an outstanding balance of physical strength and high chemical resistance which make it ideal for micro and ultra-filtration membranes for durable water purification and other applications.
Kynar® G150 resin is soluble in selected solvents and can be used in solution processing applications. It is especially recommended for hollow fiber and flat sheet membranes.
Kynar® G150 resin has NSF, FDA, and USP Class VI certifications for use in potable water, food processing, and bio- pharma applications.

TYPE

PVDF

MAIN APPLICATIONS

- water purification

DELIVERY FORM

- Powder

RHEOLOGICAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Melt viscosity, 230°C (446°F) at 100 s-1	35-39	kPo	ASTM D3835

THERMAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Melting temperature, 10°C/min	162-172	°C	ASTM D3418

OTHER PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Density, 23°C (73°F)	1.77-1.79	g/cm³	ASTM D92

PACKAGING

Available packaging:
- 20 kg / 44 lb boxes
- 20 kg / 45 lb plastic drum
- 25 kg / 55 lb box
- 600 kg big bag

SPECIAL CHARACTERISTICS

- Flame & smoke

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