

TECHNICAL DATA SHEET
KYNAR® MG15 POWDER

FLUORINATED HOMOPOLYMER POWDER

KYNAR® resins are fluorinated thermoplastic homopolymers.
KYNAR® MG15 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® MG15 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® MG15 resin has NSF, FDA, and USP Class VI certifications for use in potable water, food processing, and bio-pharma applications.

TYPE
PVDF

MAIN APPLICATIONS

• 수처리용 멤브레인 (문의)

배송 방식 (문의)

• 파우더

RHEOLOGICAL PROPERTIES

속성	값	UNIT	테스트 표준
Melt viscosity, 230°C (445°F) at 100 s-1	33 - 39	kPo	ASTM D3835

MECHANICAL PROPERTIES

속성	값	UNIT	테스트 표준
Tensile modulus, 23°C (73°F)	1845	MPa	ASTM D638
Yield stress, 23°C (73°F)	44.8 - 55.2	MPa	ASTM D638
Flexural modulus, 23°C (73°F)	1380 - 2310	MPa	ASTM D790
속성	값	UNIT	테스트 표준
Glass transition temperature, 10°C/min	-40	°C	ISO 11357-1/-2
Melting temperature, 10°C/min	168	°C	ISO 11357-1/-3

OTHER PROPERTIES

속성	값	UNIT	테스트 표준
Specific gravity, 23°C (73°F)	1.77 - 1.79	g/cm³	
Solution viscosity, 20°C (68°F)	1500	cPo	Internal Arkema
Water absorption, Saturated in water at 23°C (73°F)	0.04	%	ASTM D570

KYNAR® MG15 POWDER

포장 (문의 - 순서 이상)

- Available packaging:
- 20 kg / 45 lb metal drum
 - 300 kg / 660 lb big bag
 - 320 kg / 700 lb big bag
 - 45 kg / 100 lb plastic drum

특징

- 화염 및 연기

Headquarter: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.
Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790

arkema.com

