KYNAR®

TECHNICAL DATA SHEET

KYNAR 500® POWDER

FLUORINATED HOMOPOLYMER POWDER

Kynar 500® FSF® PVDF resin is used by leading coating formulators as a base vehicle in long-life coatings for aluminum, galvanized steel and aluminized steel.

Today, Kynar 500® FSF® PVDF resin-based metal coatings provide billions of square feet of protection against weathering, aging and pollution on commercial, industrial, institutional and residential buildings around the globe. The capability of Kynar 500® resins to deliver long-term durability is unparalleled in the industry. Introduced in 1965, Kynar 500® resin-based coatings were the original high performance finishes for architectural metal. According to a recent survey, Kynar 500® finishes are still the architect's first choice.

TYPE

PVDF

MAIN APPLICATIONS

- automotive and transportation
- protective coating
- paints
- coil

DELIVERY FORM

- Powder

RHEOLOGICAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Melt viscosity	31	kPo	ASTM D3835
Melt flow index (MFR)	3.5-6.2		ASTM D1238

THERMAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Melting temperature	160	°C	ASTM D3418
Thermal degradation temperature	> 380	°C	

PACKAGING

Available packaging:
- 225 kg / 500 lb big bag
- 25 kg / 55 lb rigid container
- 45 kg / 100 lb plastic drum
- 500 kg big bag

SPECIAL CHARACTERISTICS

- Flame & smoke

Headquarters: 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

ARKEMA