

KYNAR® ADX FLEX 281 G

KYNAR® ADX FLEX 281 G is a grafted PVDF powder designed for coating metal parts under extremely severe chemical environments. They provide superior protection against corrosion caused by chemical compounds. Please consult Arkema literature for application method and recommendations.

MAIN CHARACTERISTICS

PROPERTIES	VALUE	UNIT	TEST STANDARD
THERMAL PROPERTIES			
Limiting Oxygen Index, 73 °F	43	%	ASTM D2863
OTHER PROPERTIES			
Density	1770	kg/m ³	ISO 1183
POWDER PROPERTIES			
Nature	PVDF	-	ISO 1218
Color	Green	-	-
Particle Size Distribution, ≤ 40µm	16.9	%	ISO 13320
Particle Size Distribution, ≥ 250µm	6.1	%	ISO 13320
Particle Size Distribution, Median Size	88.5	µm	ISO 13320
Melting Temperature	152	°C	ISO 1218
POWDER COATING PROPERTIES			
Covering Efficiency, 500µm	0.8	kg/m ²	-
Specific Gravity of Coating, 20°C	1.72	-	ISO 1183
Persoz Hardness	207	-	ISO 1522
Shore D Hardness	75	-	ISO 868
Water Absorption, 24h	≤0.1	%	ISO 62-1
Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles	33.5	mg	ISO 9352
Impact Resistance	2.5	J	ASTM G14
Fire Resistance on coated panel	V-0	-	UL 94
Salt spray test according to surface preparation recommended by ARKEMA	Good adhesion after 2000 hours	-	ISO 9227

MAIN APPLICATIONS:

- Metal Coating
- Chemical Process Industry
- Containers

PACKAGING

This grade is delivered in 25kg bag.

SHELF LIFE

Five years from the date of delivery. For any use after this limit, please refer to our technical services.

PROCESSING

Coating, Electrostatic Spray, Fluidized Bed Dipping

SPECIAL CHARACTERISTICS

Heat Stabilized, Light Stabilized

Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/en/products/product-safety/disclaimer/index.html>

KYNAR®
BY ARKEMA

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DELIVERY FORM

Powder

REGIONAL AVAILABILITY

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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