

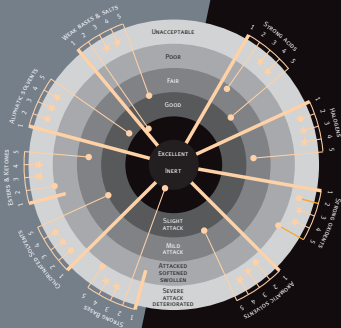


**PRIMERLESS  
PVDF  
POWDER  
COATING**

# Kynar® ADX

Kynar® Polyvinylidene fluoride is a tough engineering thermoplastic that offers a unique balance of performance properties:

- Resistant to most chemicals and solvents
- Resistant to ultraviolet and nuclear radiation
- Resistant to weathering
- Low permeability to most gases and liquids
- Low flame and smoke characteristics
- Mechanical strength and toughness
- High abrasion resistance
- High thermal stability
- High purity
- Readily melt processible
- Rigid and Flexible versions of Kynar® are available.



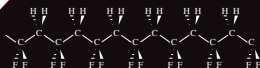
- 1 - Kynar PVDF-type 1
- 2 - Polypropylene
- 3 - Polyvinylidene Chloride
- 4 - Polyvinyl Chloride-type 1
- 5 - Polyester (glass fiber reinforced)

## Introduction of Kynar® ADX

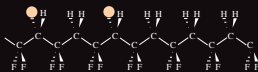
Kynar® ADX is a new family of PVDF homopolymers and copolymers containing a reactive chemical group.

The key feature of Kynar® ADX is its reactivity... providing direct adhesion to many substrates and metals: steel, aluminum, copper.

### Kynar®



### Kynar® ADX



● reactive group

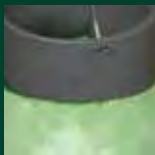
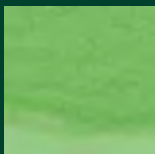
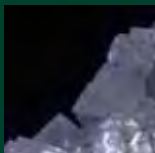
The preparation of Kynar® ADX resins is an ARKEMA patented technology.

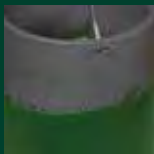
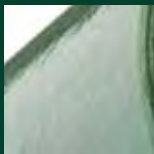
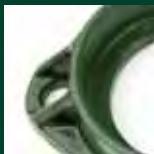
Most properties are similar or close to those of regular Kynar® PVDF:

- Chemical Resistance
- Barrier Properties
- Thermal Resistance
- Mechanical Resistance
- Processability / Stability
- Miscibility with Acrylics
- Miscibility with Kynar® PVDF solvents

Kynar® ADX brings benefits in many applications

- Powder Coating
- Liquid Coating and Binders
- Co-extruded Pipes / Multi-layer Pipes
- Bi-layer Blowmolding





## **A material of choice in many applications**

- Chemical Processing Industry (CPI)
- Offshore
- Architectural Coatings
- Cables
- Foams
- Filtration Membranes
- Batteries

Questions about Kynar® products? Visit: [www.kynar.com](http://www.kynar.com)  
and download the Kynar® Performance Characteristics  
and Data Brochure.

**Arkema Inc.**

2000 Market Street  
Philadelphia, PA 19103  
U.S.A.  
Tel: 800-KYNAR-50  
or 215-419-7396  
Fax: 215-419-7497  
[www.arkema-inc.com](http://www.arkema-inc.com)

**Arkema (China)**

6/F, Block 1, Life Hub@Daning  
1868 Gonghexin Road,  
Shanghai 200072  
P.R. China  
Tel : +86 21 6147 6888  
Fax : +86 21 6147 6777  
[www.arkema.com](http://www.arkema.com)

**Arkema K.K.**

Fukoku Semiei Bldg 15F  
2-2-2 Uchisaiwaicho  
Chiyoda-Ku, Tokyo 100-001  
Japan  
Tel: +81 3 5251 9919  
Fax: +81 3 5251 9930  
[www.arkema.com](http://www.arkema.com)

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**ARKEMA**  
INNOVATIVE CHEMISTRY

420, rue d'Estienne d'Orves  
92700 Colombes - France  
Tél. : 33 (0)1 49 00 80 80  
Fax : 33 (0)1 49 00 83 96  
[www.arkema.com](http://www.arkema.com)

[www.kynar.com](http://www.kynar.com)