**KYNAR FLEX® 2850 PC**

**POWDER COATING**

KYNAR FLEX® 2850 PC powder coating is a semi-crystalline copolymer of vinylidene fluoride and hexafluoropropylene.

KYNAR FLEX® 2850 PC powder coating has been specifically designed for use in powder coating applications in conjunction with the KYNAR FLEX® 2850 powder primer. It is typical of other KYNAR PVDF® grades, with higher flexibility similar to that of KYNAR FLEX® 2800-04 resin.

KYNAR FLEX® 2850 PC powder coating is easily processed and has excellent physical, mechanical, thermal and flame resistant characteristics. KYNAR FLEX® 2850 PC meets the smoke and flame requirements of UL 910. The KYNAR FLEX® 2850 PC topcoat can be used for critical, high-purity applications; see regulatory information section of this document.

KYNAR FLEX® 2850 PC powder coating offers:
- Excellent thermal stability
- Excellent abrasion resistance
- Excellent purity and chemical resistance
- Impervious to UV degradation
- Self extinguishing material
- Extremely low smoke emission characteristics
- Pigmentable

**KYNAR FLEX® 2850 PC Regulatory Status**

KYNAR FLEX® 2850 PC powder coating complies with United States Pharmacopoeia (USP) Classification VI.

KYNAR FLEX® 2850 PC powder coating copolymer resin complies with Title 21, Code of Federal Regulations, Chapter 1, part 177.2600 for use in articles intended for repeated contact with food.

*Photo courtesy of Fisher/Moore, North Salt Lake City, Utah. Not to be reproduced without written permission from Fisher/Moore.
The Kynar Flex® 2850 PC Powder Coating System is a two layer coating system that ensures optimum protection for the metal substrate.

KYNAR FLEX® 2850 PC Powder Coating Data

Kynar Flex® 2850 PC powder coating thickness varies depending on the application

Primer (for optimum adhesion)

Substrate: chemical pretreated or mechanical grit-blasted

KYNAR FLEX® 2850 PC Powder Coating Process


The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Arkema expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent, nor should it be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

See MSDS for Health & Safety Considerations.