



Conductive Kynar® 340 Resin Meets ATEX Requirements

Kynar® PVDF 340, a new electrically conductive fluoropolymer resin, is now available for ATEX compliant applications.

ATEX (Atmosphères Explosive) is the European Commission Directive 94/9/EC that defines special safety requirements for equipment working in an explosive environment or handling flammable products. Kynar® PVDF 340 resin has been designed for pipe or sheet extrusion. It shows outstanding elongation at break (>15%) and toughness. Also, Kynar 340 can be injection molded.

Properties of Kynar® PVDF 340 resin	
Conductivity	10-100 Ohm.cm
Elongation	> 15%
Toughness/Notched Charpy	8 kJ/m

Kynar® PVDF fluoropolymers offer high chemical, abrasion and thermal resistance. Kynar® resins are frequently specified for a wide range of fluid handling products, such as pipe, pumps, tubing, valves, fittings, storage and process vessels that must not rust or corrode, must withstand temperatures up to 150°C and must safely handle aggressive chemicals such as acids, halogens or solvents.

