

## Westlake Plastics Kynar® PVDF CN-P Polyvinylidene Fluoride (conductive)

Category : Polymer , Thermoplastic , Fluoropolymer , PVDF , Polyvinylidene fluoride (PVDF), Molded/Extruded

### Material Notes:

Carbon-powder-filled, thermally stable, conductive material with consistent resistivities

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-Plastics-Kynar-PVDF-CN-P-Polyvinylidene-Fluoride-conductive.php](http://www.lookpolymers.com/polymer_Westlake-Plastics-Kynar-PVDF-CN-P-Polyvinylidene-Fluoride-conductive.php)

Physical Properties	Metric	English	Comments
Density	1.74 g/cc	0.0629 lb/in <sup>3</sup>	ASTM D792
Water Absorption	<= 0.060 %	<= 0.060 %	ASTM D570; 24 hrs.

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.9 MPa	5200 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Strength	44.8 MPa	6500 psi	ASTM D790
Flexural Modulus	0.931 GPa	135 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256
Izod Impact, Unnotched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	56.1 °C	133 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 1e+05	<= 1e+05	Dry; ASTM D257
Surface Resistance	<= 1e+05	<= 1e+05	Dry; ASTM D257

## Contact Songhan Plastic Technology Co.,Ltd.

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