

Arkema Group Kynar® 6000 HDC N 119 PVDF (discontinued **)

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

Material Notes:

Designation ISO 12086-PVDF-E,GG1Z,Q.6E5.J.A.I.D, CD,Kynar PVDF are fluorinated thermoplastic homopolymers.Outstanding characteristics of Kynar: chemical resistance, imperviousness to UV, high barrier properties, high purity, good mechanical and thermomechanical properties.Main applications of Kynar: corrosion protection in the chemical industry, coating (painting, coextrusion), off shore, wire and cable.Kynar 6000 HDC N 119 is a filled grade of granules with improved conductivity to eliminate electrostatic charges. To be used in extrusion and injection molding.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Kynar-6000-HDC-N-119-PVDF-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.78 g/cc	0.0643 lb/in ³	
Water Absorption	0.020 %	0.020 %	
Moisture Absorption at Equilibrium	0.015 %	0.015 %	Humidity Absorption
Melt Flow	2.6 g/10 min @Load 5.00 kg, Temperature 230 °C	2.6 g/10 min @Load 11.0 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	50 mm/min
Elongation at Break	8.0 %	8.0 %	Nominal Strain; 50 mm/min
Elongation at Yield	7.0 %	7.0 %	50 mm/min
Tensile Modulus	2.30 GPa	334 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	171 °C	340 °F	10°C/min
Deflection Temperature at 1.8 MPa (264 psi)	105 °C	221 °F	
Glass Transition Temp, Tg	-40.0 °C	-40.0 °F	10°C/min
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	
	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	10000 ohm-cm	10000 ohm-cm	
Surface Resistance	10000 ohm	10000 ohm	
Dissipation Factor	0.071	0.071	
	@Frequency 100 Hz	@Frequency 100 Hz	
	0.37	0.37	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China