

Arkema Group Kynar® 9000 HDC N 123 PVDF (discontinued **)

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

Material Notes:

Designation ISO 12086-PVDF-E,GG1,Q.5E5.J.A.I.D, CF,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 9000 HDC N 123 is a high stiffness carbon fiber filled grade of granules.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Kynar-9000-HDC-N-123-PVDF-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.80 g/cc	0.0650 lb/in ³	
Water Absorption	0.15 %	0.15 %	
Moisture Absorption at Equilibrium	0.015 %	0.015 %	Humidity Absorption
Melt Flow	2.4 g/10 min @Load 5.00 kg, Temperature 230 °C	2.4 g/10 min @Load 11.0 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	50 mm/min
Elongation at Break	6.0 %	6.0 %	Nominal Strain; 50 mm/min
Elongation at Yield	2.0 %	2.0 %	50 mm/min
Tensile Modulus	7.00 GPa	1020 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	170 °C	338 °F	10°C/min
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	
Glass Transition Temp, Tg	-42.0 °C	-43.6 °F	10°C/min
Flammability, UL94	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	
	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

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