Arkema Group Kynar® FLEX 2750 PVDF (discontinued **)

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

Material Notes:

Designation ISO 12086-VDF/HFP-K, EG1NS, M. ?E7.B.F.A.C„ ? (4-10)Kynar FLEX PVDF are fluorinated thermoplastic copolymers.Outstanding characteristics of Kynar FLEX: chemical resistance, imperviousness to UV, high barrier properties, high purity, good mechanical and thermomechanical properties.Main applications of Kynar FLEX: corrosion protection in the chemical industry, coating (painting, coextrusion), off shore, wire and cable.Kynar FLEX 2750 is a grade of granules to be used where maximum flexibility or impact strength is required.Powder form available as Kynar FLEX 2751.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Arkema-Group-Kynar-FLEX-2750-PVDF-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.78 g/cc	0.0643 lb/in³	
Melt Flow	1.9 g/10 min @Load 5.00 kg, Temperature 230 °C	1.9 g/10 min @Load 11.0 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	16 %	16 %	50 mm/min
Tensile Modulus	0.480 GPa	69.6 ksi	1 mm/min
Charpy Impact, Notched	11.8 J/cm²	56.2 ft-lb/in²	
	0.600 J/cm² @Temperature -30.0 °C	2.86 ft-lb/in² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	177 µm/m-°C @Temperature 20.0 °C	98.3 µin/in-°F @Temperature 68.0 °F	
Melting Point	135 °C	275 °F	10°C/min
Vicat Softening Point	61.0 °C	142 °F	50°C/hr; 50N
Glass Transition Temp, Tg	-34.0 °C	-29.2 °F	10°C/min
Flammability, UL94	V-0	V-0	

Thermal Properties	Metric	English	Comments
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	
Oxygen Index	49 %	49 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	2.00e+14 ohm-cm	2.00e+14 ohm-cm	
Dielectric Constant	7.1 @Frequency 1e+6 Hz	7.1 @Frequency 1e+6 Hz	
	11.4 @Frequency 100 Hz	11.4 @Frequency 100 Hz	
Dissipation Factor	0.024 @Frequency 100 Hz	0.024 @Frequency 100 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