Shanghai Ofluorine PVDF 9201

Polyvinylidene Fluoride

Shanghai Ofluorine Chemical Technology Co., Ltd

Message:

PVDF copolymer made by VDF(vinylidene fluoride) and HFP(hexafluoropropylene), with excellent mechanical properties, heat resistance and flame resistance, PVDF copolymer can bear high temperature, corrosive chemicals etc harsh working environment, which has low smoke, low fog, low flame spread characteristics, mainly used for cable and wire.

General Information			
Features	Copolymer		
	Flame Retardant		
	Good Chemical Resistance		
	High Heat Resistance		
	Low Smoke Emission		
	Low to No Fogging		
Uses	Wire & Cable Applications		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Density	1.77 to 1.78	g/cm³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/12.5 kg)	3.0 to 8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	68		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 26.0	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Flexural Modulus	650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	800	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	141 to 144	°C	ISO 3146
Heat Deflection Temperature	48	°C	ISO 75-2
Composition	VDF/HFP		ISO 12086
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	43	%	ASTM D2863

Recommended distributors for this material

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