

Kynar® 301F

Polyvinylidene Fluoride

Arkema

Message:

KYNAR® 301F is a crystalline high molecular weight polymer of vinylidene fluoride. It is a finely ground versatile engineering plastic designed for solvent-based coatings and toner applications. It forms mechanically strong and tough films that have a broad temperature range. These films are highly resistant to most environmental conditions including gamma radiation and are essentially transparent to ultraviolet radiation.

General Information			
UL YellowCard	E54699-244843		
Features	Crystalline		
	Good UV Resistance		
	High Molecular Weight		
	Radiation (Gamma) Resistant		
Uses	Coating Applications		
Appearance	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.76	g/cm ³	ASTM D792
Water Absorption (Equilibrium)	0.40 to 0.60	%	ASTM D570
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	155 to 165	°C	ASTM D3418
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (232°C, 100 sec ⁻¹)	2800 to 3400	Pa · s	ASTM D3835

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