

Arkema Group KYNAR® 461 Polyvinylidene Fluoride Powder

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

Material Notes:

Characteristics: White, non-hygroscopic powder. High stability in harsh thermal, chemical and ultraviolet environments. High toughness and mechanical strength, low permeability, abrasion resistance; high purity

Applications: Chemical processing – production, storage and transfer of corrosive fluids
Electronics – protective sheathing, plenum and wiring insulation
Semi-conductor industry
Food stuff and Healthcare industries
Transportation – fuel line and pipe, thermoformed body components

Information provided by Arkema Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-KYNAR-461-Polyvinylidene-Fluoride-Powder.php

Physical Properties	Metric	English	Comments
Bulk Density	0.288 g/cc	0.0104 lb/in ³	
Particle Size	5.0 µm	5.0 µm	Loosely agglomerated
Particle Mesh Size	14 Mesh	14 Mesh	
Viscosity	2.35e+6 - 2.95e+6 cP @Shear Rate 100 1/s, Temperature 232 °C	2.35e+6 - 2.95e+6 cP @Shear Rate 100 1/s, Temperature 450 °F	Melt Viscosity; ASTM D3835
Melt Flow	6.0 - 14 g/10 min @Load 21.6 kg, Temperature 232 °C	6.0 - 14 g/10 min @Load 47.6 lb, Temperature 450 °F	ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	155 - 165 °C	311 - 329 °F	

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