Sunday, September 20, 2026

MHCompounds PVDF - Powder
DS2011 PVDF

Units SI

M. Holland Company - *Polyvinylidene Fluoride*

Action **Legend (Open)**

General Information

Product Description

DS2011 is a PFOA free homopolymer of vinylidene fluoride for powder coating. DS2011 is an odorless white powder. It has high corrosion resistance against acids, alkalis, strong oxidizers, and halogens.
DS2011 is resistant to ultraviolet light and radiation. It has good chemical stability performance with aliphatic and aromatic hydrocarbons, aldehydes, alcohols and other organic solvents.

Application
DS2011 is a PVDF resin used to produce fluoropolymer coatings.

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Chemical Resistant • Corrosion Resistant	• Homopolymer • Low Odor	• Radiation (Gamma) Resistant • UV Resistant
Uses	• Coating Applications		
Appearance	• White		
Forms	• Powder		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.75 to 1.77	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	0.50 to 2.0	g/10 min	ASTM D1238
Moisture	0.10	%	HG/T 2902
Purity	> 99.5	%	FTIR
Thermal	**Nominal Value**	**Unit**	**Test Method**
Peak Melting Temperature	156 to 165	°C	ASTM D3418
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Scattered Fineness	< 25.0	µm	GB/T 6753.1
Thermal Decomposition Temperature [2]	> 380	°C	TGA

Notes

[1] Typical properties: these are not to be construed as specifications.

[2] 1% Wt. Loss

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