Sunday, September 20, 2026

MHCompounds PVDF - Powder
DS201 PVDF

Units SI

M. Holland Company - *Polyvinylidene Fluoride*

Action **Legend (Open)**

General Information

Product Description

DS201 is a homopolymer of vinylidene fluoride for powder coating. DS201 is an odorless white powder. It has high corrosion resistance against acids, alkalis, strong oxidizers, and halogens. DS201 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
DS201 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

Corporate Offices:
400 Skokie Boulevard, Suite 600
Northbrook, IL 60062
800.872.7370
In Illinois: 847.272.7370
Customer Service FAX: 847.272.7713

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