Sunday, September 20, 2026

MHCompounds PVDF - Powder
DS204B PVDF

Units SI

M. Holland Company - *Polyvinylidene Fluoride*

Action **Legend (Open)**

General Information

Product Description

DS204B is a homopolymer of vinylidene fluoride. DS204B is suitable for thermally induced phase separation (TIPS) processing. DS204B has high corrosion resistance against acids, alkalis, strong oxidizers, and halogens. It has good chemical stability performance with aliphatic and aromatic hydrocarbons, aldehydes, alcohols and other organic solvents.

Application
DS204B is a PVDF resin used to produce membrane materials for microfiltration and ultrafiltration including water treatment.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Chemical Resistant	• Corrosion Resistant	• Homopolymer
Uses	• Filtration Media	• Membranes	
Forms	• Powder		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.77 to 1.79	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	0.10 to 5.0	g/10 min	ASTM D1238
Moisture	0.10	%	HG/T 2902
Viscosity [2] (30°C)	100 to 300	mPa·s	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Peak Melting Temperature	165 to 175	°C	ASTM D3418
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Dissolubility [3]	Clear		
Thermal Decomposition Temperature [4]	> 380	°C	TGA

Notes

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

[2] 0.1 g/g DMAC

[3] Visual inspection

[4] 1% Wt. Loss

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