Sunday, September 20, 2026

MHCompounds PVDF - Powder
DS204 PVDF

Units SI

M. Holland Company - *Polyvinylidene Fluoride*

Action **Legend (Open)**

General Information

Product Description

DS204 is a high molecular weight homopolymer of vinylidene fluoride. DS 204 is suitable for non- solvent induced phase separation (NIPS) processing. DS204 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.

pplication
DS204 is a PVDF resin used to produce membrane materials for water treatment.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Chemical Resistant • Corrosion Resistant	• High Molecular Weight • 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
Purity	> 99.5	%	FTIR
Viscosity [2] (30°C)	1.50 to 3.00	Pa·s	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Peak Melting Temperature	160 to 165	°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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