

Fluoropolymer POLYFLON PTFE M-532

 TECHNICAL
DATASHEET

A fluoro resin with excellent fluidity. Suitable for automatic molding and isostatic molding.

Introduction

- POLYFOLON M-532 is a polytetrafluoroethylene virgin granular free flow resin.
- Compressing the powder and sintering are a general method for use due to its high melt viscosity.
- Difficult to charge electro static as its particle size is small and narrow.
- Excellent powder flow. Can be used for **compression molding, automatic molding, isostatic molding**.

General physical properties

Items	Unit	Numeric Value	Test method
Average Particle Size	μm	480	ASTM D 4894
Bulk Density	g/L	840	ASTM D 4894
Std Specific Gravity	-	2.16	ASTM D 4894
Tensile Strength	MPa	40	ASTM D 4894
Elongation	%	350	ASTM D 4894
Shrinkage	%	2.7	50Φ × 50h Internal Method
Melt Peak Temperature (Initial)	℃	345	ASTM D 4894
Melt Peak Temperature (Second)	℃	327	ASTM D 4894

* The above numeric values are representative and not guaranteed.

Handling method/Safety information

- Be sure to read the notes on SDS and labels before use.
- This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.

Packing specification

- 25kg

For more information, visit our website.

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tds-m-532-E_ver01_Mar_2018
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