

Fluoropolymer POLYFLON PTFE M-532

TECHNICAL
DATASHEET

**POLYFLON PTFE M-532 is a fluoro resin with excellent fluidity.
Suitable for automatic molding and isostatic molding.**

Introduction

- POLYFLON PTFE 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	Internal Method
Bulk Density	g/mL	0.80	JIS K 6891
Standard Specific Gravity	-	2.16	ASTM D 4894
Tensile Strength	MPa	40	JIS K 6891
Elongation	%	350	JIS K 6891
Shrinkage	%	2.7	Internal Method (50Φ × 50h)
Melt Peak Temperature (Initial)	°C	345	DSC
Melt Peak Temperature (Second)	°C	327	DSC

*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.

DAIKIN INDUSTRIES, LTD.

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