

# Fluoropolymer POLYFLON PTFE M-392

 TECHNICAL  
DATASHEET

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

## Introduction

- POLYFOLON M-392 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	500	ASTM D 4894
Bulk Density	g/L	860	ASTM D 4894
Std Specific Gravity	-	2.15	ASTM D 4894
Tensile Strength	MPa	41	ASTM D 4894
Elongation	%	330	ASTM D 4894
Shrinkage	%	2.9	50Φ × 50h Internal Method
Melt Peak Temperature (Initial)	°C	338	ASTM D 4894
Melt Peak Temperature (Second)	°C	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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