

Fluoropolymer POLYFLON PTFE M-392

 TECHNICAL
DATASHEET

POLYFLON PTFE M-392 is a fluoro resin with excellent fluidity. Suitable for automatic molding and isostatic molding.

Introduction

- POLYFLON PTFE 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	Internal Method
Bulk Density	g/mL	0.86	JIS K 6891
Specific Gravity	-	2.16	JIS K 6891
Tensile Strength	MPa	41	JIS K 6891
Elongation	%	330	JIS K 6891
Shrinkage	%	2.9	Internal Method (50Φ × 50h)
Melt Peak Temperature (Initial)	°C	338	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.

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