

Fluoropolymer

NEW POLYFLON PTFE M-112

TECHNICAL
DATASHEET

NEW POLYFLON PTFE M-112 is a fluororesin suitable for diaphragm and bellows requiring flex resistance.

Introduction

- NEW POLYFLON PTFE M-112 is a polytetrafluoroethylene virgin granular fine cut resin.
- Compressing the powder and sintering are a general method for use due to its high melt viscosity.
- So **flexible** that is suitable for **diaphragms, bellows**, etc.

General physical properties

Items	Unit	Numeric Value	Test Method
Average Particle Size	µm	22	Laser diffractometry
Bulk Density	g/mL	0.31	JIS K 6891
Standard Specific Gravity	-	2.15	ASTM D 4894
Tensile Strength	MPa	63	JIS K 6891
Elongation	%	430	JIS K 6891
Shrinkage	%	3.8	Internal Method (50Φ × 50h)
Melt Peak Temperature (Initial)	°C	339	DSC
Melt Peak Temperature (Second)	°C	324	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, contact us.

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