

# Fluoropolymer NEW POLYFLON PTFE M-112

 TECHNICAL  
DATASHEET

**NEW POLYFLON PTFE M-112 is a fluoro resin 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	20	Internal Method
Bulk Density	g/L	360	ASTM D 4894
Standard Specific Gravity	-	2.15	ASTM D 4894
Tensile Strength	MPa	63	ASTM D 4894
Elongation	%	430	ASTM D 4894
Shrinkage	%	3.8	Internal Method (50Φ × 50h)
Melt Peak Temperature (Initial)	°C	339	ASTM D 4894
Melt Peak Temperature (Second)	°C	324	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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