

## Fluoropolymer

# NEW POLYFLON PTFE M-111

TECHNICAL  
DATASHEET

**NEW POLYFLON PTFE M-111 is a fluororesin suitable for packing and gaskets that require creep and resistance.**

### Introduction

- NEW POLYFLON PTFE M-111 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.
- **A smooth surface** can be obtained on molded products.
- It is suitable for **packing** and **gasket molding** which require **creep resistance**.

### General physical properties

Items	Unit	Numeric Value	Test Method
Average Particle Size	µm	32	Laser diffractometry
Bulk Density	g/mL	0.29	JIS K 6891
Standard Specific Gravity	-	2.17	ASTM D 4894
Tensile Strength	MPa	54	JIS K 6891
Elongation	%	500	JIS K 6891
Shrinkage	%	3.7	Internal Method (50Φ × 50h)
Melt Peak Temperature (Initial)	°C	341	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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