

# Fluoropolymer POLYFLON PTFE M-18F

 TECHNICAL  
DATASHEET

**POLYFLON PTFE M-18F is a fluoro resin suitable for compound with additives such as carbon.**

## Introduction

- POLYFLON PTFE M-18F 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.
- Suitable for **compound material with additives** such as carbon.

## General physical properties

Items	Unit	Numeric Value	Test Method
Average Particle Size	μm	25	Laser diffractometry
Bulk Density	g/mL	0.30	JIS K 6891
Standard Specific Gravity	-	2.16	ASTM D 4894
Tensile Strength	MPa	58	JIS K 6891
Elongation	%	440	JIS K 6891
Shrinkage	%	3.7	Internal Method (50Φ × 50h)
Melt Peak Temperature (Initial)	°C	345	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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