

# Fluoropolymer POLYFLON PTFE F-208

TECHNICAL  
DATASHEET

**POLYFLON PTFE F-208 is a fluoro resin which is suitable for thin tubes and electric wires requiring heat resistance.**

## Introduction

- POLYFLON PTFE F-208 is a polytetrafluoroethylene fine powder in the form of white powder without PFOA.
- Paste extrusion molding can be carried out by adding auxiliary agent. Because it has a property easily to fiberize when shear force is applied.
- Molding at high RR is possible. It is suitable for forming ultrafine tubes and heat-resistant electric wire coatings.

## General physical properties

Items	Unit	Numeric Value	Test method
Average Particle Size	μm	610	ASTM D 4895
Bulk Density	g/L	490	ASTM D 4895
Standard Specific gravity	-	2.17	ASTM D 4895
Tensile Strength	MPa	37	ASTM D 4895
Elongation	%	560	ASTM D 4895
Melting Peak Temperature(Second)	°C	325	ASTM D 4895
Extrusion Pressure(1500:1)	MPa	36	Internal method

\* 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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