

Fluoropolymer POLYFLON PTFE F-107

TECHNICAL
DATASHEET

POLYFLON PTFE F-107 is a fluoro resin which is suitable for forming films with fine pores.

Introduction

- POLYFLON PTFE F-107 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.
- It is a grade suitable for stretched membrane applications of fine powders.
- It is also suitable for forming stretched films with uniform and fine pores.

General physical properties

Items	Unit	Numeric Value	Test method
Average Particle Size	μm	540	ASTM D 4895
Bulk Density	g/L	500	ASTM D 4895
Standard Specific gravity	-	2.15	ASTM D 4895
Tensile Strength	MPa	39	ASTM D 4895
Elongation	%	350	ASTM D 4895
Melting Peak Temperature(Second)	°C	327	ASTM D 4895
Extrusion Pressure(100:1)	MPa	18	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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