

Fluoropolymer POLYFLON PTFE F-205

TECHNICAL
DATASHEET

POLYFLON PTFE F-205 is a fluoro resin which is suitable for tubes with excellent transparency and for electric wires requiring heat resistance.

Introduction

- POLYFLON PTFE F-205 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 suitable for forming tubes that require transparency.
- It can also be used for wire coatings that require heat resistance.

General physical properties

Items	Unit	Numeric Value	Test method
Average Particle Size	μm	500	ASTM D 4895
Bulk Density	g/L	510	ASTM D 4895
Standard Specific gravity	-	2.17	ASTM D 4895
Tensile Strength	MPa	37	ASTM D 4895
Elongation	%	400	ASTM D 4895
Melting Peak Temperature(Second)	°C	325	ASTM D 4895
Extrusion Pressure(1500:1)	MPa	70	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.

DAIKIN INDUSTRIES, LTD.

<https://www.daikinchemicals.com/>

tds-f-205-E_ver01_Mar_2018

Copyright (C) DAIKIN INDUSTRIES, LTD., 2018