

Fluoropolymer POLYFLON PTFE F-104

 TECHNICAL
DATASHEET

POLYFLON PTFE F-104 is a general purpose fluororesin grade which is suitable for molding seal tape, short fiber, pipe, tube, thick wire.

Introduction

- POLYFLON PTFE F-104 is a polytetrafluoroethylene fine powder in the form of white powder without PFOA.
- It is suitable for forming the large size tube because it can be converted into fiber even at low RR.
- 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 Daikin standard grade of fine powder. it is suitable for molding wide variety of applications such as sealing tape, short fiber, pipe, tube, thick wire coating.

General physical properties

Items	Unit	Numeric Value	Test method
Average Particle Size	μm	500	ASTM D 4895
Bulk Density	g/L	460	ASTM D 4895
Standard Specific gravity	-	2.17	ASTM D 4895
Tensile Strength	MPa	45	ASTM D 4895
Elongation	%	400	ASTM D 4895
Melting Peak Temperature(Second)	°C	327	ASTM D 4895
Extrusion Pressure(36:1)	daN	120	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-104-E_ver01_Mar_2018

Copyright (C) DAIKIN INDUSTRIES, LTD., 2018