

Fluoropolymer POLYFLON PTFE M-17

 TECHNICAL
DATASHEET

POLYFLON PTFE M-17 is a fluoro resin suitable for large molding products with excellent mechanical properties.

Introduction

- POLYFLON PTFE M-17 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 medium billet compression molding.
- The product shows **excellent mechanical properties**.

General physical properties

Items	Unit	Numeric Value	Test Method
Average Particle Size	μm	50	Internal Method
Bulk Density	g/L	400	ASTM D 4894
Standard Specific Gravity	-	2.16	ASTM D 4894
Tensile Strength	MPa	54	ASTM D 4894
Elongation	%	390	ASTM D 4894
Shrinkage	%	3.0	Internal Method (50Φ × 50h)
Melt Peak Temperature (Initial)	°C	346	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.

DAIKIN INDUSTRIES, LTD.

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

tds-m-17-E_ver02_Jun_2022

Copyright (C) DAIKIN INDUSTRIES, LTD., 2022