

POLYFLON PTFE F-108

Fine Powder for Paste Extrusion

POLYFLON PTFE F-108 is a polytetrafluoroethylene fine powder resin for paste extrusion. It has been designed for large diameter pipes, wrapping tape and coaxial cable applications, that are processed at low reduction ratios up to 300:1. Typical properties of F-108 include high green strength, excellent flex life characteristics, good surface smoothness of extruded pipes as well as small shrinkage in machine direction.

Typical properties

Average Particles size	µm	Approx. 600	ASTM D 4895
Bulk Density	g/l	Approx. 500	ASTM D 4895
Specific Gravity		2,16	ASTM D 4895
Melting Point	°C	326 - 328	ASTM D 4895
Extrusion Pressure (at RR 50)	MPa	7,6	Daikin Method
Tensile Strength	MPa	> 25	ASTM D 4895
Elongation	%	> 300	ASTM D 4895

Note: Typical properties are not suitable for specification purpose

Typical applications

- Large diameter pipe (diameter more than 200mm)
- Heavy wall insulation for coax cable
- Wrapping tape

Packaging

POLYFLON PTFE Fine Powders are packaged in 25kg plastic drums.

Important Notice

The information contained herein is based on technical data and tests we believe to be reliable and is intended for use by persons having technical knowledge and skill, solely at their own discretion and risk. Since conditions of use are outside of our control, we assume no responsibility for results obtained or damages incurred through application of the data given. The publication of the information herein shall not be understood as permission or recommendation for the use of our fluorocarbon compounds in violation of any patent or otherwise. We only warrant that the product conforms to description and specification, and our only obligation shall be to replace goods shown to be defective or refund the original purchase price thereof.

USE OF PRODUCT: The product is for the industrial use only. We do not guarantee the safety in case the product is used for the other purposes. When using the product for health-care application or for food/feed application, consult us in advance.

MEDICAL USE: These products are not specifically designed or manufactured for use in implantable medical and/or dental devices. They have not been tested for such applications and will only be sold for such use pursuant to contract containing specific terms and conditions required by us.

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