

POLYFLON PTFE FC-2121

Fine Powder for high performance coaxial cable

POLYFLON PTFE FC-2121 is a PTFE fine powder for the extrusion of high performance coaxial cables. A wire insulation made of FC-2121 will have a significantly lower dielectric constant and dissipation factor but will also have excellent mechanical properties.

Typical properties

Average Particles size	μm	500 ~ 700	ASTM D 4895
Bulk Density	g/l	0.4 ~ 0.5	ASTM D 4895
Dielectric Constant (at 12 GHZ)		1,71	
Dissipation factor (at 12 GHZ)		1.0×10^{-4}	

Note: Typical properties are not suitable for specification purpose

Typical applications

- Coaxial cable

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.

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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