

POLYFLON PTFE L-5F

Additive

POLYFLON PTFE Low Polymer L-5F is a low molecular weight polytetrafluoroethylene. It can be used as an additive to improve wear resistance, non-stick properties and to reduce coefficient of friction. POLYFLON PTFE Low Polymer L-5F is well suitable as an additive to plastics and elastomers such as Polyamide, Polyacetal, Polyester, Polycarbonate and TPEE. It is also used as a dry lubricant or an additive for paint and printing ink. It offers superior handling and dispersing performance.

Typical properties

Average Particle Size	µm	4	Dry Laser
Bulk Density	g/l	320	ASTM D 4895
Melting Point	°C	329	ASTM D 4591
Specific Surface Area	m ² /g	11	BET
Static Coefficient of Friction	-	0.06 ~ 0.07	Bowden-Leben Machine
Appearance	-	Fine white powder	Visual

Note: Typical properties are not suitable for specification purpose

Typical applications

- Additive in plastics
- Additive in rubbers
- Dry Lubricant
- Additive in paint and printing ink

Packaging

POLYFLON PTFE Low Polymers are available in 20 kg 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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