

## POLYFLON PTFE M-12

POLYFLON PTFE M-12 is a polytetrafluoroethylene virgin granular fine-cut resin. This general purpose molding powder has been specifically designed for use in small to medium billet compression molding. It is particularly well suited to thin skived film applications requiring excellent physical and electrical properties.

### Typical properties

Bulk Density	g/l	min 300	ASTM D 4894
Specific Gravity	-	2,15 ~ 2,17	ASTM D 4894
Tensile Strength	MPa	min 35	ASTM D 4894
Elongation	%	min 350	ASTM D 4894
Break Down Voltage	kV/0.1mm	min 9,0	ASTM D 4894
Shrinkage	%	2,7 ~ 3,8	DAIKIN

**Note: Typical properties are not suitable for specification purpose**

### Typical applications

- Thin film skiving

### Packaging

POLYFLON PTFE Molding Powders are packaged in 25kg fabric drum containers with inner liners

### 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.

#### Daikin Chemical Europe GmbH

Am Wehrhahn 50  
40211 Düsseldorf  
Germany  
Phone: +49-211-1792250  
Fax: +49-211-1640732  
www.daikinchem.de

#### Daikin Industries, Ltd.

Umeda Center Building  
2-4-12 Nakasaki-Nishi, Kita-ku  
Osaka 530-8323, Japan  
Phone: +81-6-6374-9355  
Fax: +81-6-6374-4281  
www.daikin.com

#### Daikin America, Inc.

20 Olympic Drive  
Orangeburg, NY 10962  
USA  
Phone: +1-845-365-9500  
Fax: +1-845-365-9515  
www.daikin-america.com