

# 日本大金PTFE聚四氟乙烯 M-18F 耐腐蚀

产品名称	日本大金PTFE聚四氟乙烯 M-18F 耐腐蚀
公司名称	京冀（广州）新材料有限公司
价格	35.00/千克
规格参数	PTFE:连接器 M-18:耐化学性良好 日本大金:阻燃
公司地址	广州市南沙区丰泽东路106号（自编1号楼）X130 1-E014087（注册地址）
联系电话	18938547875 18938547875

## 产品详情

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# POLYFLON M-18

Polytetrafluoroethylene

DAIKIN AMERICA, INC.

填料

产品说明：

Daikin PTFE (polytetrafluoroethylene) molding powders are excellent, fine cut resins, well suited for a variety of demanding chemical, mechanical, electrical and non-stick surface applications. These PTFE resins are fully fluorinated and have the best thermal, electrical, and chemical properties of all fluoropolymers with a continuous service rating of 500 ° F (260 ° C). Daikin PTFE molding powders are available in homopolymer and modified fine cut grades. Daikin PTFE molding powders can be used continuously at temperatures up to 260 ° C (500 ° F) and for short periods of time at higher temperatures. They also possess excellent low temperature strength. Daikin PTFE molding powders are completely inert to attack by all chemicals except high temperature, high-pressure elemental fluorine gas, molten alkaline metals and chlorine trifluoride. The non-polar molecular structure makes Daikin PTFE molding powders ideal for use as high-frequency insulating material. The dielectric constant and dissipation factor are uniformly low over a wide frequency range. Under ordinary conditions of use, Daikin PTFE molding powders possess the lowest coefficient of friction of any solid material. Also, the non-stick properties of these products prevent most materials from adhering to them. Chemical/Mechanical—Packings, gaskets, diaphragms, bellows, corrosion-resistant linings, piping components, pump parts, O-rings, V-rings, bushings, slide bearings, etc. Electrical/Other—Insulating skived tape, insulating sleeves, terminals, connectors, sockets, spacers, electronic parts, laboratory equipment, etc.

物性信息：

基本性能增强材料  
特性

填料  
低摩擦系数

低温强度

高分子量

均聚物

用途	<p>耐化学性良好</p> <p>无粘性</p> <p>粘度，高 包装</p> <p>泵件</p> <p>衬里</p> <p>衬套</p> <p>带子</p> <p>电气元件</p> <p>垫圈</p> <p>隔膜</p> <p>管道系统</p> <p>绝缘屏蔽</p> <p>连接器</p> <p>实验室器具</p> <p>通用</p>
机构评级 形式 加工方法	<p>轴承</p> <p>FDA 21 CFR 177.1550</p> <p>粉状</p> <p>烧结</p>
物理性能额定值单位制测试方法	<p>压缩模塑</p> <p>2.16</p>
表观密度	<p>0.48</p>
收缩率 - 流动	<p>3.2</p>
机械性能额定值单位制测试方法	<p>43.0</p>

伸长率 (断裂, 1.50 mm) 400

## 压缩强度

0% 应变 1 7.80

1% 应变 2 5.00

25% 应变 3 28.1

## 负载变形

25 ° C, 14 MPa 17.2

100 ° C, 14 MPa 33.3

200 ° C, 6.9 MPa 27.0

## 压缩变形 定值单位制测试方法

25 ° C 4 8.6

100 ° C 5 20

200 ° C 6 16

热性能 温度单位制测试方法 260

熔融温度 327

电性能 电阻率单位制测试方法 > 1.0E+15

体积电阻率 > 1.0E+18

介电强度 100

介电常数 (1 kHz) < 2.10

耗散因数 (1 kHz) < 1.0E-4

补充信息 额定值测试方法 5.00E+6

Stretching Void Index 300

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