

铁氟龙 PFA 416HP 水管 薄质涂料 电气元件过滤器

产品名称	铁氟龙 PFA 416HP 水管 薄质涂料 电气元件过滤器
公司名称	上海欧硕塑料有限公司
价格	570.00/吨
规格参数	铁氟龙:416HP 用途级别:薄质涂料 吸水率:1.02
公司地址	上海市奉贤区明城路1088弄7号1-2层
联系电话	159-02131506 15902131506

产品详情

商品属性

产地美国

品名PFA

是否进口否

厂家(产地)美国杜邦

货号196

牌号416HP

加工级别注塑级

特性级别耐高温

用途级别管材级,汽车部件

销售方式品牌经销

品牌美国杜邦

类型标准料

Teflon PFA 416HP

Perfluoroalkoxy

DuPont Fluoropolymers

产品说明：

For inventory control purposes product name may be followed by an X. Products labeled PFA 416 HP and PFA 416 HP X are equivalent and all information in this document is applicable to both. Typical Application Applications for DuPont Teflon PFA 416HP include high performance thin-wall wire coatings; intricate injection molded parts for production of chemicals where purity in the parts-per-billion range is needed; semiconductor components and electronic parts; and fluid handling systems for high performance chemical filters. With a typical melt flow rate of 42, Teflon PFA 416HP resin is ideally suited for applications requiring a high processing speed and very low viscosity. Description DuPont Teflon PFA 416HP is a special purpose fluoroplastic resin available in pellet form. This resin has a higher melt flow rate (typical MFR of 42) than most other PFA fluoroplastic resins, which permits higher extrusion speed and easier processing, making Teflon PFA 416HP a cost-effective alternative for producing thin-wall and complicated articles. Unlike other high melt flow rate polymers, Teflon PFA 416HP is specially formulated to provide a high melt flow rate for processing ease, while still providing good flexural properties and stress-crack resistance. These unique properties, coupled with the resin's high thermal stability, enable thin coatings of ultra-fine wires and injection molding of complex parts. Table 1 shows the typical property data for Teflon PFA 416HP. The enhanced purity of Teflon PFA 416HP makes it suitable for applications that require improved color, lower extractable fluorides, and freedom from other foreign materials. Teflon PFA 416HP contains no additives and is designed for hostile chemical environments where purity in the parts-per-billion range is needed. Teflon PFA 416HP combines the processing ease of conventional thermoplastics with many properties similar to those of polytetrafluoroethylene. Compared to other thermoplastics, the high melt strength and thermal stability of Teflon PFA 416HP can be used to improve processing rates, and allows intricate electronics to be insulated with an extremely thin coating and still withstand soldering. Properly processed products made from neat Teflon PFA 416HP resin provide the superior properties typical of the fluoroplastic resins: chemical inertness, exceptional dielectric properties, heat resistance, toughness and flexibility, low coefficient of friction, non-stick characteristics, negligible moisture absorption, low flammability, performance at temperature extremes, and excellent weather resistance. In a flame situation, products of Teflon PFA 416HP resist ignition and do not promote flame spread. When ignited by flame from other sources, their contribution of heat is very small and added at a slow rate with very little smoke. Teflon PFA 416HP meets the requirements of ASTM D3307, Type IX

物性信息：

基本信息

纯度高

低摩擦系数

低吸湿性

低烟度

	良好的电气性能	
	良好的熔体强度	
	良好的柔韧性	
	流动性高	
	耐化学性良好	
	耐气候影响性能良好	
	耐热性，中等	
	热稳定性，良好	
	韧性良好	
用途	食品接触的合规性 半导体模制化合物	
	薄质涂料	
	电气元件	
	过滤器	
机构评级	液体处理 FDA 21 CFR 177.1550	
形式	欧洲 No 10/2011	
加工方法	粒子 挤出	
	树脂传递成型	
	压缩模塑	
	注射成型	
物理性能额定值单位制测试方法		2.14
熔流率（熔体流动速率）(372 ° C/5.0 kg)		42
吸水率 (24 hr)		< 0.030

硬度额定值单位制测试方法	55
机械性能额定值单位制测试方法	25.0
伸长率 (断裂, 23 ° C)	350
弯曲模量 (23 ° C)	690
热稳定性额定值单位制测试方法	305
电性能额定值单位制测试方法	1.0E+18
介电强度 0.250 mm 1	80
0.250 mm	80
介电常数 (1 MHz)	2.03
耗散因数 (1 MHz)	< 2.0E-4
可燃性额定值单位制测试方法	V-0
极限氧指数	> 95
补充信息额定值单位制测试方法	12.0

MIT Folding Endurance 3(200.0 m)

4.0E+3

Weather and Chemical Resistance: Outstanding

价格说明