

PFA 350X 美国科慕 阻燃性 耐高温 铁氟龙

产品名称	PFA 350X 美国科慕 阻燃性 耐高温 铁氟龙
公司名称	京冀（广州）新材料有限公司
价格	18.00/千克
规格参数	PFA:流动性低耐化学性良好耐气候影响性能良好 350X:用途 薄膜电气/电子应用领域复合 美国科慕:低摩擦系数低吸湿性低烟度
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）
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产品详情

产品说明：

For inventory control purposes product name may be followed by an X. Products labeled PFA TE9725 and PFA TE9725 X are equivalent and all information in this document is applicable to both. Typical Application DuPont Teflon PFA TE9725 is an ideal resin for applications involving compounding and compression molding, as well as extruded tubing and other profiles for hose, electrical insulators, and sleeving; industrial film and products made from film; and injection or blow-molded articles requiring superior electrical, chemical, and thermal properties. Teflon PFA TE9725 offers a slightly lower melt flow rate than Teflon PFA TE9724, ultimately providing a higher degree of stress-crack resistance. Description DuPont Teflon PFA TE9725 is a general purpose fluoroplastic resin available as loosely compacted fluff. It is intended for use in special application processes in consultation with DuPont. Compared with other grades of Teflon PFA, its most unique features are a relatively low flow rate and properties that make it suitable for a variety of processes and demanding end uses, especially compounding and compression molding. Table 1 shows the typical property data for Teflon PFA TE9725. Teflon PFA TE9725 is used when traditional extrusion and molding processes are required for producing products with the superior properties of a fluoroplastic resin. Compared to other thermoplastics, the high melt strength and thermal stability of Teflon PFA TE9725 can be used to improve processing rates. Compared with other thermoplastics, Teflon PFA TE9725 provides a superior balance and level of end-use properties at high service temperatures. Teflon PFA TE9725 combines the processing ease of conventional thermoplastics with many properties similar to those of polytetrafluoroethylene. Properly processed products made from neat Teflon PFA TE9725 resin provide the superior properties characteristic of 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 TE9725 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 TE9725 meets the requirements of ASTM D3307, Type II

全氟烷氧基

铁氟龙

耐高温耐磨性高流动耐寒性

物性性能：

1? ???

????????????????????????????????

2????????-196--260??? ???

????????????????“???”???

3????????????????????????????????

4??100-300%????????????????????V0??

5??

6??

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1.???,????????????????????????????????????

2.????????????????????????????????????475????????150-200????????????

3.????????????????????350-400??475????????????????????

4????????????????????????????????????

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PFA????????????????????????

PFA??????580F????2.13— 2.16g/cc??/????PFA? PTFE?FEP????302T????????FEP?

????500F????????????PTFE??PFA????????????????????????????????

????????????????????

(1)????????

(2)F46????????

FEP??

FEP????????????????

FEP????FEP?? F46????????????????????????????????15%????????????

????????????????Fluorinated ethylene propylene??FEP?F-46????????????????????????????15%???

????????????FEP????580F????2.15g/CC??/????????????????????????????????

????

????????????????????????????????(2.1)????????????????????????????????

????392F??

????????-FEP ?????????????????????????????????

????????-FEP????????????PTEE????????????-85? 205????-200?~ 300????????

????????????PTEE??PTEE????

????????

FEP??PTEE????

2????????????????ECHA????????????????????????????“????forever chemicals?”????????per-
and polyfluoroalkyl substances????“PFAS”?

PFAS是指含有至少一个完全氟化的甲基(CF3-)或亚甲基(-CF2-)碳原子 (不连接任何 H/Cl/Br/I
原子) 的物质。

仅包含如下结构的物质不属于PFAS :

CF3-X 或 X-CF2-X' , X = -OR 或 -NRR' 以及X' =甲基(-CH3)、亚甲基 (-CH2-)、芳基、羰基
(-C(O)-)、-OR''、-SR'' 或 -NR''R''。并且R/R'/R''/R'''为氢(-H)、甲基(-CH3)

、亚甲基(-CH₂-)、芳基或羰基(-C(O)-)。

主要管控要求

1、不得单独制造或作为物质投放市场；

2、用于物质的成分、混合物、物品含量大于等于如下含量不得投放市场：

1) 对目标PFAS物质分析时，任意PFAS物质含量为25ppb（聚合物PFASs不在定量范围内）；

2) 对目标PFAS物质以及可选的可降解前体物质分析的总和为250

ppb（聚合物PFASs不在定量范围内）；

3) PFASs总和为50ppm（包括聚合物PFASs）。如果总氟含量超过50mg

F/kg，制造商、进口商或下游用户应根据请求向执法部门提供氟是以PFASs或者非PFASs测得的证明。

3、第1和第2点在限制条款生效后18个月适用；