Tefzel 美国科慕 ETFE 750 乙烯四氟乙烯共聚物 管材级特氟龙

产品名称	Tefzel 美国科慕 ETFE 750 乙烯四氟乙烯共聚物 管材级特氟龙
公司名称	天津市星云新材料有限公司
价格	260.00/千克
规格参数	品牌:美国科慕 包装:25KG/包 产地:美国科慕
公司地址	天津市东丽区航双路与津滨快速路交口处东北侧航空商务中心2#-1,2-201(二层2057室)
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产品详情

Tefzel 750 Gas Igniter

Generic Name: 乙烯四氟乙烯共聚物 (ETFE) - 提供方: The Chemours Company

DuPont Tefzel fluoropolymer resins offer mechanical strength and toughness along with resistance to heat and chemicals. In addition, they provide easy processing, high specific dielectric strength, and a low coefficient of friction. For these reasons, Tefzel resins are widely used to make compact wire and cable constructions that provide long, reliable service in demanding environments.Tefzel 750 retains the traditional characteristics of Tefzel resins while providing some new property advantages, including increased flexibility and improved retention of properties after aging at elevated temperatures, higher limiting oxygen index, and long-term service life at higher temperatures than other Tefzel resins.Underwriters Laboratories, Inc. (UL) has rated wire insulated with Tefzel 750 (10 mil for 600V, 6 mil for 300V) for service in appliances at a maximum continuous operating temperature of 200 ° C (392 ° F). This rating was determined under the guidelines of UL Subject 758 for appliance wiring material. Upper service temperatures for other applications should be determined under the guidelines for those applications. Temperature ratings may not be the same as the rating for appliance wire because the test procedures are different.Typical End ProductsTefzel ETFE 750 fluoroplastic resin can be used for wire service at up to 200 ° C (392 ° F).Tefzel ETFE 750 can also be used as insulation for applications where customers need the basic benefits of Tefzel together with increased flexibility and improved retention of properties after aging at elevatedtemperatures. Flexibility is desirable for ease of handling during maintenance and repair procedures.

与典型值比较 - Upgrade to compare! 与黄卡比较

单位: SI

总览材料状态

已商用：当前有效

资料 1

Technical Datasheet (English)

UL 黄卡 2

E54681-244670

搜索 UL 黄卡

The Chemours Company

Tefzel

供货地区

北美洲

拉丁美洲

欧洲

亚太地区

特性

低摩擦系数

共聚物

良好的加工性能

良好的柔韧性

耐化学品性能，良好

耐热性，高

韧性良好

用途

电线电缆应用

电子绝缘

形式

粒子

加工方法

挤出

物理性能

额定值

单位制

测试方法

密度 / 比重

1.75 到 1.79

g/cm

ASTM D792熔流率（熔体流动速率） (297 ° C/5.0 kg)

7.0

g/10 min

ASTM D3159机械性能

额定值

单位制

测试方法

抗张强度ASTM D170823 ° C

37.9

MPa

140 ° C

11.4

MPa

160 ° C

8.62

MPa

180 ° C

6.21

MPa

200 ° C

3.45

MPa

伸长率ASTM D1708断裂, 23 ° C

300

%

断裂, 140 ° C

600

%

断裂, 160 ° C

650

%

断裂, 180 ° C

600

%

断裂, 200 ° C

600

%

弯曲模量

645

MPa

ASTM D790热性能

额定值

单位制

测试方法

熔融温度

219 到 254

° C

ASTM D3159可燃性

额定值

单位制

测试方法

极限氧指数

34

%

ASTM D2863补充信息

额定值

单位制

测试方法

MIT Flexural Life

120000

挤出

额定值

单位制

料筒1区温度

288

° C

料筒2区温度

316

° C

料筒3区温度

321

° C

接头温度

321

° C

熔体温度

332 到 335

° C

口模温度

332

° C