

美国杜邦 阻燃PA66 Zytel FR50 NC010 玻纤增强级 抗化学性塑胶原料

产品名称	美国杜邦 阻燃PA66 Zytel FR50 NC010 玻纤增强级 抗化学性塑胶原料
公司名称	京冀（广州）新材料有限公司
价格	38.00/千克
规格参数	PA66:阻燃 FR50-N:玻纤增强级 美国杜邦:抗化学性塑胶原料
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

Zytel PA66:

101: General purpose polyamide 66 resin for injection molding and extrusion(通用聚酰胺66树脂注塑成型和挤出)

101F: Internally lubricated polyamide 66 resin for injection molding. It was developed for fast cycles and high productivity.(含有润滑聚酰胺66树脂注塑。它是为快速周期和***)

101L: Lubricated polyamide 66 resin for injection molding (润滑聚酰胺66树脂注塑成型)

103FHS: Heat stabilized, internally lubricated polyamide 66 resin for injection molding. It was developed for fast cycles and high productivity. (热稳定，国内聚酰胺66树脂注塑润滑。它是为快速周期和***)

103HSL: Heat stabilized, lubricated polyamide 66 resin for injection molding (热稳定，聚酰胺66树脂注塑润滑)

151L: Lubricated, general purpose molding grade (润滑，通用品级)

158L: Lubricated, general purpose molding/extrusion grade -- a higher melt viscosity than Zytel 151L NC010 (润滑，通用注塑/挤出级-高熔体比Zytel151L NC010粘度)

153HSL: Lubricated, heat stabilized, extrusion grade (润滑 , 热稳定 , 挤出级)

114HSL: heat stabilized, lubricated, modified polyamide 66 resin for injection molding. (热稳定 , 润滑 , 改性聚酰胺66树脂注塑)

132F: Nucleated, lubricated polyamide 66 for injection molding. It is suitable for fast production cycles and high productivity applications (核 , 润滑尼龙66注塑成型。它适用于快速的生产周期和***应用的理想选择)

135F: Zytel 135F is a nucleated polyamide 66 resin for injection molding. It was developed for fast cycles and high productivity. (Zytel135F是一个有核的聚酰胺66树脂注塑。它是为快速周期和***)

145: Zytel 145 BK010 is a weather resistant, high flow, fast cycling, modified polyamide 66 resin with improved toughness. (Zytel 145 BK010是耐候性 , 高流动性 , 快速循环 , 聚酰胺66树脂改性 , 改善韧性。)

157HSL: Lubricated, heat stabilized, improved weather resistant molding/extrusion grade (润滑 , 热稳定 , 耐候成型/挤出级)

330: Transparent nylon resin(透明尼龙树脂)

42A: Zytel 42A NC010 is a high viscosity polyamide 66 resin for injection molding and extrusion.(Zytel42A是一种聚酰胺66树脂注塑成型和挤压高粘度)

450HSLX: Zytel 450HSLX is a heat stabilized, lubricated, medium toughened polyamide 66 for injection molding. It has high impact resistance at low temperature and dry as molded.(Zytel450HSLX是一种热稳定 , 润滑 , 中等增韧尼龙66注塑成型。它在低温高抗冲击性和干燥)

45HSB: High viscosity, heat stabilized polyamide 66 resin for injection molding and extrusion applications such as film and tubing.(高粘度 , 热稳定尼龙注塑成型 , 如电线和管材挤出应用66树脂)

70G13: 13% Glass fiber reinforced polyamide 66 resin for injection molding (13%玻璃纤维增强聚酰胺66树脂注塑成型)

70G33: 33% Glass fiber reinforced polyamide 66 resin for injection molding (33%玻璃纤维增强聚酰胺66树脂注塑成型)

70G43: 43% Glass fiber reinforced polyamide 66 resin for injection molding (43%玻璃纤维增强聚酰胺66树脂注塑成型)

70G43L: 43% Glass fiber reinforced polyamide 66 resin for injection molding (43%玻璃纤维增强聚酰胺66树脂注塑成型)

70G13HS1L: 13% Glass fiber reinforced, heat stabilized, polyamide 66 resin for injection molding (13%玻璃纤维增强 , 热稳定 , 聚酰胺66树脂注塑成型)

70G13L:13% Glass fiber reinforced polyamide 66 resin for injection molding (13%玻璃纤维增强聚酰胺66树脂注塑成型)

70G25HSLR: 25% Glass fiber reinforced, heat stabilized, hydrolysis resistant polyamide 66 resin for injection molding (25%玻璃纤维增强 , 热稳定 , 抗水解聚酰胺66树脂注塑成型)

70G30HSL: Zytel 70G30HSL is a 30% glass reinforced, heat stabilized, black nylon 66 resin for injection molding. (Zytel 70G30HSL是一个30%的玻璃纤维增强 , 热稳定 , 注塑成型的黑色尼龙66树脂)

70G30HSLR : 30% Glass fiber reinforced, heat stabilized, hydrolysis resistant polyamide 66 resin for injection molding (30%玻璃纤维增强 , 热稳定 , 抗水解聚酰胺66树脂注塑成型)

70G30HSR2 : Zytel 70G30HSR2 is a 30% glass fiber reinforced, heat stabilized, hydrolysis resistant, black polyamide 66 resin for injection molding. (Zytel70G30HSR2是一个30%的玻璃纤维增强 , 热稳定 , 抗水解 , 黑色尼龙66树脂注塑)

70G30L : 30% Glass fiber reinforced polyamide 66 resin for injection molding. (30%玻璃纤维增强聚酰胺66树脂注塑)

70G33GRA : 33% Glass fiber reinforced(33%玻璃纤维增强)

70G33HS1L : 33% Glass fiber reinforced, heat stabilized polyamide 66 resin for injection molding(33%玻璃纤维增强 , 热稳定聚酰胺66树脂注塑成型)

70G33L : 33% Glass fiber reinforced polyamide 66 resin for injection molding(33%玻璃纤维增强聚酰胺66树脂注塑成型)

70G35HSL : 35% Glass fiber reinforced, heat stabilized polyamide 66 resin for injection molding(35%玻璃纤维增强 , 热稳定聚酰胺66树脂注塑成型)

70G35HSLRA4 : 35% Glass fiber reinforced, heat stabilized, hydrolysis resistant polyamide 66 resin for injection molding. It has excellent flow characteristics.(35%玻璃纤维增强 , 热稳定 , 抗水解聚酰胺66树脂注塑。它具有优异的流动特性。)

70G35HSLX : Zytel 70G35HSLX is a 35% glass fiber reinforced, heat stabilized, black polyamide 66 for injection molding. (Zytel70G35HSLX是一个35%的玻璃纤维增强，热稳定，注塑成型黑色尼龙66)

70G43HSLA : 43% Glass fiber reinforced, heat stabilized, black polyamide 66 resin for injection molding.(43%玻璃纤维增强，热稳定，用于注射成型的黑色尼龙66树脂。)

70G43L : 43% Glass fiber reinforced polyamide 66 resin for injection molding (43%玻璃纤维增强聚酰胺66树脂注塑成型)

70G50HSLA : 50% Glass fiber reinforced, heat stabilized polyamide 66 resin for injection molding. It has excellent flow characteristics. (50%玻璃纤维增强，热稳定聚酰胺66树脂注塑。它具有优异的流动特性。)

70G60HSL : Zytel 70G60HSL is a 60% glass fiber reinforced, heat stabilized, lubricated polyamide 66 for injection molding. (Zytel70G60HSL为60%的玻璃纤维增强，热稳定，润滑尼龙66注塑成型)

70K20HSL : Aramid-modified, heat stabilized, lubricated PA66 resin with excellent wear resistance. (芳纶改性，热稳定，润滑尼龙66树脂具有优良的***性)

75CG30HSL : Zytel 75CG30HSL is a glass-reinforced, toughened, heat stabilized polyamide resin modified with carbon fiber for improved performance in structural applications. (Zytel75CG30HSL是一种玻璃纤维增强，增韧，热稳定聚酰胺树脂结构与碳纤维改性应用的性能。)

75LG40HSL : Zytel 75LG40HSL is a 40% long glass reinforced, heat stabilized, lubricated polyamide 66 resin for structural applications. (Zytel75LG40HSL是40%长玻璃纤维增强，热稳定，聚酰胺66树脂润滑结构的应用)

75LG50L: Zytel 75LG50L is a 50% long glass reinforced, lubricated polyamide 66 resin for structural applications.(Zytel75LG50L是50%长玻璃纤维增强聚酰胺66树脂润滑结构的应用)

75LG50HSL: Zytel 75LG50HSL is a 50% long glass reinforced, heat stabilized, lubricated polyamide 66 resin for structural applications. (Zytel75LG50HSL50%的长玻璃纤维增强，热稳定，聚酰胺66树脂润滑结构的应用)

75LG60HSL: Zytel 75LG60HSL is a 60% long glass reinforced, heat stabilized, lubricated polyamide 66 resin for structural applications. (Zytel75LG60HSL为60%长玻璃纤维增强，热稳定，聚酰胺66树脂润滑结构的应用)

80G14A:14% Glass fiber reinforced, toughened, high flow polyamide 66 resin. It offers outstanding performance in injection molding applications. (14%玻璃纤维增强，增韧，聚酰胺66树脂高流动性。它提供了注射成型应用的出色表现)

80G14AHS: 14% Glass fiber reinforced, toughened, high flow, heat stabilized polyamide 66 resin. It offers outstanding performance in injection molding applications. (14%玻璃纤维增强，增韧，高流动性，热稳定聚酰胺66树脂。它提供了注射成型应用的出色表现)

80G25HS: 25% Glass fiber reinforced, toughened, heat stabilized, black polyamide 66 resin for injection molding (25%玻璃纤维增强，增韧，热稳定，黑色尼龙66树脂注塑成型)

80G33HS1L: 33% Glass fiber reinforced heat stabilized polyamide 66 resin with outstanding impact resistance developed using DuPont Super Tough technology (33%玻璃纤维增强热聚酰胺66树脂稳定***抗冲击性开发利用杜邦***强韧技术)

80G33: 33% Glass fiber reinforced polyamide 66 resin with outstanding impact resistance developed using DuPont Super Tough technology (33%玻璃纤维增强聚酰胺66树脂具有***抗冲击性开发利用杜邦***强韧技术)

80G33L: 33% Glass fiber reinforced polyamide 66 resin with outstanding impact resistance developed using DuPont Super Tough technology (33%玻璃纤维增强聚酰胺66树脂具有***抗冲击性开发利用杜邦***强韧技术)

80G43L:

80G43HS1L: Zytel 80G43HS1L is a 43% glass fiber reinforced, heat stabilized, black polyamide 66 resin with superior impact resistance. (Zytel80G43HS1L是43%的玻璃纤维增强，热稳定，具有***的抗冲击性黑色尼龙66树脂)

CFE8005HS: Zytel CFE8005HS is a Super Tough, heat stabilized, black polyamide 66 resin offering outstanding melt strength for extrusion blow molding applications.(Zytel CFE8005HS是一个***强韧，热稳定，黑色尼龙66树脂提供***的熔融挤出吹塑成型应用的实力)

E101L: Zytel E101L is a lubricated, black polyamide 66 resin for injection molding.(Zytel E101L是润滑，黑色尼龙66树脂注塑成型)

E103HSL: Zytel E103HSL BK080 is a heat stabilized, lubricated, black polyamide 66 resin for injection molding.(Zytel E103HSL是一种热稳定，润滑，黑色尼龙66树脂注塑)

E51HSB: High molecular weight, heat stabilized polyamide 66 resin for injection molding and extrusion(分子量高，热稳定聚酰胺66树脂注塑成型和挤出)

EFE1068: Zytel EFE1068 is a lubricated polyamide 66 for injection molding. It has excellent flow characteristics and was developed for fast production cycles and high productivity applications.(Zytel EFE1068是润滑尼龙66注塑成型。它具有优异的流动特性，并快速的生产周期和高生产力的应用开发)

EFE8089B: Zytel EFE8089B is a 33% fiber reinforced, heat stabilized, lubricated, toughened polyamide 66 resin for injection molding. (Zytel EFE8089B是33% , 纤维增强 , 热稳定 , 润滑 , 聚酰胺66树脂注塑钢化玻璃)

FE3757: Zytel FE3757 is a lubricated polyamide 66 resin modified for toughness, high flow and fast cycling in injection molding applications. (Zytel FE3757是润滑聚酰胺66树脂韧性 , 高liuliang和应用的快速循环注塑修改)

FE5555: 35% Glass reinforced black polyamide 66 developed for encapsulation applications (35% 玻璃纤维增强尼龙66的黑色封装应用开发)

FN714: Very flexible, grafted ionomer modified nylon 66 resin (非常灵活 , 嫁接离子改性尼龙66树脂)

FN718: Zytel FN718 is a flexible, plasticizer free modified polyamide 66 resin having good heat aging and chemical resistance. (Zytel FN718是一种灵活的 , 自由的聚酰胺66增塑剂具有良好的耐热老化和耐化学性树脂改性)

FN727: Zytel FN727 is an impact modified, plasticizer free, very flexible polyamide 6 alloy resin having good low temperature toughness, good heat aging and good chemical include cable jacketing, hose and tube applications. (Zytel FN727是影响改性 , 增塑剂自由 , 很灵活的尼龙6合金树脂具有良好的低温韧性 , 良好的耐热老化和良好的化学包括电缆护套 , 软管和管的应用)

FR7025V0F: Unreinforced, no elemental phosphorous and halogen free (非增强 , 无元素磷和卤素)

FR7026V0F: Unreinforced, no elemental phosphorous and halogen free flame retardant PA66 (非增强 , 无元素磷和无卤阻燃尼龙66)

FR70M30V0: 30% Mineral reinforced, flame retardant polyamide 66 resin for injection molding (30% 矿物增强 , 阻燃聚酰胺66树脂注塑成型)

ST801: Zytel ST801 is an unreinforced, super tough polyamide 66 for injection molding and extrusion. It offers outstanding break resistance over a wide temperature and humidity range and high productivity. (Zytel ST801是一种无筋 , 超韧尼龙注塑成型和挤出66。它可在很宽的温度和湿度范围和高生产率***打破阻力)

ST801HS: Zytel ST801HS is a heat stabilized Super Tough nylon 66 resin. It offers outstanding impact resistance and high productivity. (Zytel ST801HS是稳定的超韧尼龙66树脂热。它提供了***抗冲击性和高生产率)

ST811:

ST801A: Super Tough, high performance, polyamide 66 resin. It is partially UV stabilized and when appropriately colored offers limited protection to indirect sunlight exposure. (***)强韧 , 高性能 , 聚酰胺66树脂。这是部分紫外线稳定和适当的颜色时 , 提供有限的保护 , 以间接阳光照射)

ST801AHS: Super Tough, high performance polyamide 66 resin. It offers outstanding molding performance in injection molding applications.(***强韧，高性能聚酰胺66树脂。它提供了***成型注塑成型应用的性能)

ST801AW: Super Tough, high performance polyamide 66 resin. It is UV stabilized and when appropriately colored, offers the best resistance to indirect sunlight in automotive interior applications.(***强韧，高性能聚酰胺66树脂。它是紫外线稳定和适当的颜色时，提供了的抵抗在汽车内部应用间接的阳光)

WRF101A: Zytel WRF101A is an unreinforced lubricated PA 66 resin modified for excellent flow and improved wear and friction characteristics.(Zytel

WRF101A是一种无筋润滑尼龙66树脂良好的流动和改进磨损和摩擦特性修改)

WRF403: 30% Glass reinforced, heat stabilized PA66 resin containing Teflon PTFE micropowder(30%玻璃纤维增强，热稳定PA66树脂含有特富龙聚四氟乙烯微粉)

WRF500: Zytel WRF500 NC010 is a heat stabilized polyamide 66 resin modified with Teflon PTFE Micropowder and Kevlar. It is designed for superior wear resistance in applications requiring low wear and/or low friction(Zytel WRF500 NC010是热带Teflon聚酰胺聚四氟乙烯微粉和Kevlar66树脂改性稳定。它是专为需要***的***性低磨损申请和/或低摩擦)

408HS : A new, improved heat stabilized modified nylon 66. Heat Stabilized (一种新的，改进的热稳定改性尼龙66。热稳定)

408L:Zytel 408L NC010 is a general purpose, lubricated, modified nylon 66 resin with superior toughness.(Zytel408L NC010是一种通用，润滑，改性尼龙66树脂具有***韧性)

42: Zytel 42A NC010 is a high viscosity polyamide 66 resin for injection molding and extrusion applications such as film and tubing.(Zytel42A条NC010是尼龙66注塑和管材，如电线和高粘度树脂挤出应用。)

71G13: Contains 13% glass reinforcement. Impact modified(含有13%的玻璃纤维。冲击改性)

10B12T.

105BL-10A.

105BK-10A.

131L.

131LHS-L.

11C1-40.

20B.

20C,.

8018HS: Contains 14% glass reinforcement. Outstanding impact strength, heat stabilized.(含14%玻璃增强。***抗冲击强度，热稳定)

8018: Contains 14% glass reinforcement. Outstanding impact strength(含14%玻璃增强。***抗冲击强度)

71G33L: Contains 33% glass reinforcement. Impact modified.(含有33%玻璃纤维加固。冲击改性)

71G13L: Contains 13% glass reinforcement. Impact modified.(含有13%的玻璃钢筋。冲击改性)

70G33HRL: Contains 33% glass reinforcement. High resistance to hot water and oxidation.(含有33%玻璃纤维加固。高抗热水和抗氧化)

美国杜邦PA66 FR50-NC010,阻燃级 增强级尼龙FR50-NC010

产品参数

性能项目 试验条件[状态] 测试方法 测试数据 数据单位

基本性能 吸水率 24hr ASTM D-570

DAM | 50%RH

1.2 | -

%

需氧指数 ASTM D-2863

DAM | 50%RH

15 | 19

%

吸水率 饱和 ASTM D-570

DAM | 50%RH

6.7 | -

%

物理性能 比重 ASTM D-792

DAM | 50%RH

1.06 | 1.06

机械性能 挠曲强度 ASTM D-790

DAM | 50%RH

1689 | 862

MPa

剪切强度 ASTM D-732

DAM | 50%RH

57.9 | -

MPa

IZOD冲击强度 ASTM D-1822

DAM | 50%RH

588 | 1155

KJ/m²

断裂伸长率 ASTM D-638

DAM | 50%RH

80 | 210

%

拉伸强度 ASTN D-638

DAM | 50%RH

517 | 41.4

MPa

IZOD冲击强度 ASTM D-256

DAM | 50%RH

907 | 1068

J/m

硬度计硬度 ASTM D-676

DAM | 50%RH

6.7 | -

电气性能 介电常数 108Hz ASTM D-150

DAM | 50%RH

3.2 | 4.5

损耗因数 106Hz ASTM D-150

DAM | 50%RH

0.02 | 0.03

体积电阻率 ASTM D-257

DAM | 50%RH

1014 | 1013

.m

损耗因数 100Hz ASTM D-150

DAM | 50%RH

| 0.2

介电常数 106Hz ASTM D-150

DAM | 50%RH

2.9 | 3.2

介电常数 1000Hz ASTM D-150

DAM | 50%RH

3.2 | 5.5

损耗因数 108Hz ASTM D-150

DAM | 50%RH

| 0.1

热性能 UL 燃烧性 UL 94

DAM | 50%RH

HB | HB

热变形温度 0.5×10^6 Pa

DAM | 50%RH

216 | -

热变形温度 18×10^6 Pa ASTM D-648

DAM | 50%RH

71 | -

熔点 ASTM D-789

DAM | 50%RH

