

# 美国杜邦PA6 7335F NC010

产品名称	美国杜邦PA6 7335F NC010
公司名称	东莞市常平金红塑胶原料经营部
价格	.00/个
规格参数	品牌:基础创新 型号:7335F 产地:进口
公司地址	樟木头镇百顺小区3巷5号
联系电话	18200646066 15914033897

## 产品详情

美国杜邦PA6 7335F NC010

杜邦性能聚合物Zytel 7335F

NC010尼龙6 (未验证数据\*\*) 聚合物、热塑性塑料、尼龙、尼龙6杜邦高性能聚合物产品说明:杜邦 7335F NC010是一种用于注塑成型的有核润滑聚酰胺6树脂。杜邦高性能聚合物公司提供的信息

DuPont Performance Polymers Zytel 7335F NC010 Nylon 6 (Unverified Data\*\*) 物性表

物性表性能额定值 (公制)额定值 (英制)测试方法

1.13 g/cc

Water Absorption

3.0 %

@Temperature 23.0 ° C

9.0 %

@Temperature 23.0 ° C

线性成型收缩率	0.0075 cm/cm
	@Thickness 1.60 mm
	0.010 cm/cm
	@Thickness 3.20 mm
线性成型收缩率,Flow	0.0060 cm/cm
	@Thickness 2.00 mm
线性成型收缩率, 横向	0.0080 cm/cm
	@Thickness 2.00 mm
抗机械应力值 (公制)额定值 (英制)测试方法	55.0 MPa
	@Temperature 23.0 ° C
	90.0 MPa
	@Temperature 23.0 ° C
伸长率 (断裂)	9.0 %
	@Temperature 23.0 ° C
	15 %
	@Temperature 23.0 ° C

	$\geq 50\%$
	@Temperature 23.0 ° C
	$\geq 50\%$
	@Temperature 23.0 ° C
Elongation at Yield	3.8 %
	@Temperature 23.0 ° C
	24 %
	@Temperature 23.0 ° C
拉伸模量	1.40 GPa
	@Temperature 23.0 ° C
	3.60 GPa
	@Temperature 23.0 ° C
简支梁无缺口冲击强度	6.00 J/cm
	@Temperature -30.0 ° C
	7.00 J/cm
	@Temperature 23.0 ° C

11.0 J/cm

@Temperature -30.0 ° C

12.0 J/cm

@Temperature 23.0 ° C

简支梁缺口冲击强度

0.250 J/cm

@Temperature -30.0 ° C

0.300 J/cm

@Temperature -30.0 ° C

0.450 J/cm

@Temperature 23.0 ° C

1.80 J/cm

@Temperature 23.0 ° C

绝缘电阻额定值 (公制)额定值 (英制)测试方法

1.00e+11 ohm-cm

@Temperature 23.0 ° C

Surface Resistance

1.00e+11 ohm-cm

@Temperature 23.0 ° C

>= 1.00e+15 ohm-cm

@Temperature 23.0 ° C

1.00e+17 ohm-cm

@Temperature 23.0 ° C

1.00e+17 ohm-cm

@Temperature 23.0 ° C

1.00e+11 ohm

@Temperature 23.0 ° C

1.00e+11 ohm

@Temperature 23.0 ° C

1.00e+13 ohm

@Temperature 23.0 ° C

介电常数

3.3

@Frequency 1.00e+6 Hz, Temperature 23.0 ° C

3.6

@Frequency 100 Hz, Temperature 23.0 ° C

3.6

@Frequency 1000 Hz, Temperature 23.0 ° C

4.2

@Frequency 100 Hz, Temperature 23.0 ° C

介电强度

13.5 kV/mm

@Thickness 3.20 mm, Temperature 23.0 ° C

16.3 kV/mm

@Thickness 3.20 mm, Temperature 23.0 ° C

耗散因数

0.010

@Frequency 1000 Hz, Temperature 23.0 ° C

0.010

@Frequency 100 Hz, Temperature 23.0 ° C

0.020

@Frequency 1.00e+6 Hz, Temperature 23.0 ° C

0.030

@Frequency 100 Hz, Temperature 23.0 ° C

0.11

@Frequency 1.00e+6 Hz, Temperature 23.0 ° C

0.23

@Frequency 1000 Hz, Temperature 23.0 ° C

0.37

@Frequency 100 Hz, Temperature 23.0 ° C

相比耐漏电起痕指数(CTI)

600 V

@Temperature 23.0 ° C

线性热膨胀系数,额定值 (英制)测试方法

500 m/m- ° C

@Temperature 23.0 - 55.0 ° C

500 m/m- ° C

@Temperature 23.0 - 55.0 ° C

线性热膨胀系数,横向流动

92.0 m/m- ° C

@Temperature 23.0 - 55.0 ° C

	92.0 m/m- ° C
	@Temperature 23.0 - 55.0 ° C
熔融温度	221 ° C
载荷下热变形温度(0.46 MPa)	175 ° C
载荷下热变形温度(1.8 MPa)	65.0 ° C
可燃性(UL94)	HB
	@Thickness 1.50 mm
	HB
	@Thickness 1.50 mm
加工性能额定温度(公制)额定值 (英制)测试方法	260 - 280 ° C
	270 ° C
模具温度	70.0 ° C
	50.0 - 90.0 ° C
干燥温度	80.0 ° C



干燥时间	2.00 - 4.00 hour
水分含量	<= 0.20 %
黏稠描述测试方法	Lubricant
外观	Natural Color
Drying Recommended	Yes, if moisture content of resin exceeds recommended level
特性	Chemical Resistance, Good
	Fatigue Resistant
	Fuel Resistant
	General Purpose
	Grease Resistant
	Mold Release, Good
	Nucleated
	Oil Resistant

形式	Pellets
Generic	Nylon 6
Material Status	Current
部件标识代码	>PA6<
Polymer Family	Polyamide
Polymer Type	PA6
加工方法	Injection Molding
产品分类	Unreinforced Resins
树脂识别	PA6
符合RoHS指令	Contact Manufacturer
Ultrasonic Weldable	Yes
用途	Appliance Components Automotive Applications

美国杜邦PA6 7335F NC010 [LUBRILOY Compound RF203AXH](#) LUBRILOY RF203AXH is a compound based on Nylon 66 resin containing 15% Glass Fiber, Proprietary Lubricant. Added features of this material include: Wear Resistant, Healthcare... [LUBRILOY Compound RF206AXH](#) LUBRILOY RF206AXH is a compound based on Nylon 66 resin containing 30% Glass Fiber, Proprietary Lubricant, Added features of this material include: Wear Resistant, Healthcare... [LUBRILOY Compound RF208](#) LUBRILOY RF208 is a compound based on Nylon 66 resin containing 40% Glass Fiber, Proprietary Lubricant. Added features of this material include: Wear Resistant. [LUBRICOMP Compound RFL369](#) LUBRICOMP RFL369 is a compound based on PA 66 resin containing Glass Fiber, PTFE, Flame Retardant. Added features include: Flame Retardant, internally lubricated [LUBRICOMP Compound RFP48SXS](#) LUBRICOMP RFP48SXS is a compound based on Nylon 66 resin containing Glass Fiber, PTFE, Silicone. Added features of this material include: Heat Stabilized. [LUBRICOMP Compound RL008](#) LUBRICOMP RL008 is a compound based on PA 66 containing PTFE. Added features include: Internally Lubricated. [LUBRICOMP Compound RN001](#) Lubricomp RN001 is a compound based on Nylon 66 resin containing MOS2. [LUBRICOMP Compound RP002](#) LUBRICOMP RP002 is a compound based on PA 66 resin containing PTFE, Silicone: Added features include; Internally Lubricated. [LUBRICOMP Compound RFL26S](#) LUBRICOMP RFL26S is a compound based on Nylon 66 resin containing 30% Glass Fiber, 10% PTFE. Added features of this material include: Wear Resistant, Heat Stabilized. [LUBRICOMP Compound RFL22E](#) LUBRICOMP RFL22E Is a compound based on PA66 resin, containing Glass Fiber and PTFE. Added features include: Internally Lubricated, Easy Moulding [LUBRICOMP Compound RFL26](#) LUBRICOMP RFL26 is a compound based on Nylon 66 resin containing 30% Glass Fiber, 10% PTFE. Added features of this material include: Wear Resistant. [LUBRICOMP Compound RFL36XXZ](#) LUBRICOMP RFL36XXZ is a compound based on Nylon 66 resin containing 30% Glass Fiber, 15% PTFE. Added feature of this material is: Wear Resistant.

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PA56想要替代PA6、PA66在汽车上应用，除了需要具有优异的机械性能之外，还要面临耐高温、耐水解、耐油等恶劣使用环境的考验。PA56吸水率较高导致其湿态性能变化较大、耐水解(醇解)性能较差，PA56膨胀系数高，吸水性强，材质硬，弹性差，加工和应用受限，这都需要通过一定的改性方法解决。

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从市场应用角度讲，PA56替代PA6、PA66之说，是为了能快速进入市场，容易让大家有接受的方向，如果单纯的讲替代，PA56纤维替代低成本的PA6没优势，PA66纤维成步硬。PA56纤维阻燃性好、仿棉效果好，对皮肤没刺激，手感好，是我国自有知识产权开发的新产品，成功的销售员会站在老板的高度思考工作，成功的老板站在行业的高度才能走得更远，对这个新产品要有宏观的认识格局，才能要有新概念、新应用、新市场，发挥PA56纤维透气性好、阻燃性好的优势，比如用于户外用品，形成新的市场应用格局，10月10日威海尼龙单体技术和市场国际论坛上将分析，PA56替代论与新应用论对PA66、PA6影响。

未来五年中国将成为全球大的尼龙市场，尼龙产业受到业内及资本的青睐。但是各种尼龙单体生产技术制约了尼龙材料发展，当前，山东、河南、安徽、陕西、山西、重庆、浙江等多省市的企业、科研院校正对己二腈生产技术进行国产化攻关，而且技术路线呈现了多样化;对直接合成己二胺也在进行多种技术路线攻关。同时，尼龙5X、尼龙12单体生产与聚合产业化步伐在加快。

为此，中国化工报社、石油化工众创孵化平台、尼龙单体技术及市场协作组将共同组织召开2019尼龙单体技术和市场国际论坛及闭门研讨会，旨在搭建交流平台，论证如何聚智聚势加快尼龙单体产业化步伐。同时，拟在会议上发布《尼龙66市场蓝皮书》。