

Technical Data

产品说明

Zytel® HTNFE350064 BK544 is a carbon fiber reinforced, toughened, heat stabilized, conductive high performance polyamide resin developed for static dissipative applications. It is also a PPA resin.

总体

材料状态	• Preliminary Data ¹		
资料 ²	• Processing - Injection Molding (English) • Technical Datasheet		
搜索 UL 黄卡	• DuPont Performance Polymers		
供货地区	• 北美洲 • 非洲和中东 • 拉丁美洲	• 南美洲 • 欧洲 • 亚太地区	• 中美洲
RoHS 合规性	• 联系制造商		
外观	• 黑色		
形式	• 颗粒料		
加工方法	• 注射成型		
多点数据	• Isothermal Stress vs. Strain (ISO 11403-1)		
部件标识代码 (ISO 11469)	• >PA-ICF<		
Part Marking Code (SAE J1344)	• >PPA-ICF<		

物理性能	额定值	单位制	测试方法
密度	1.19	g/cm³	ISO 1183
收缩率			ISO 294-4
横向流量: 2.00 mm	0.50	%	
流量: 2.00 mm	0.20	%	

机械性能	额定值	单位制	测试方法
拉伸应力 (断裂, 23°C)	166	MPa	ISO 527-2
拉伸应变 (断裂, 23°C)	2.4	%	ISO 527-2
弯曲模量 (23°C)	8300	MPa	ISO 178
弯曲强度 (23°C)	240	MPa	ISO 178

冲击性能	额定值	单位制	测试方法
简支梁缺口冲击强度 (23°C)	6.0	kJ/m²	ISO 179/1eA
简支梁缺口冲击强度 (23°C)	50	kJ/m²	ISO 179/1eU

电气性能	额定值	单位制	测试方法
体积电阻率 (23°C)	1.0E+5	ohm·cm	ASTM D4496

注射	额定值	单位制
干燥温度	100	°C
干燥时间	6.0 到 8.0	hr
建议的最大水分含量	< 0.10	%
加工 (熔体) 温度	320 到 330	°C
Melt Temperature, Optimum	325	°C
模具温度	85.0 到 105	°C
Mold Temperature, Optimum	95	°C

备注

¹ The above data are preliminary and are subject to change as additional data are developed on subsequent lots.

² 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资料。

³ 一般属性：这些不能被视为规格。

购买地点

供应商

DuPont Performance Polymers
Wilmington, DE USA
电话: 302-999-4592
Web: <http://plastics.dupont.com/>

分销商

Biesterfeld Plastic GmbH

Biesterfeld Plastic GmbH is a Pan European distribution company. Contact Biesterfeld Plastic GmbH for availability of individual products by country.

电话: +49-40-32008-0

Web: <http://www.biesterfeld-plastic.com/>

供货地区: Algeria, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, France, Germany, Greece, Hungary, Italy, Libyan Arab Jamahiriya, Luxembourg, Mauritania, Morocco, Netherlands, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Switzerland, Tunisia, Turkey

PolyOne Distribution

PolyOne Distribution is a global distribution company. Contact PolyOne Distribution for availability of individual products by country.

电话: 800-894-4266

Web: <http://polyonedistribution.com/>

供货地区: Global



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– Kevin Chase, Owner & President, Chase Plastics



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