

PA6T美国杜邦HTNFR52G30NH

产品名称	PA6T美国杜邦HTNFR52G30NH
公司名称	东莞市博琪塑胶原料有限公司
价格	.00/千克
规格参数	品牌:美国杜邦代理商 型号:HTNFR52G30NH 产地:美国
公司地址	总部位于香港，大陆公司位于广东省 东莞市。
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产品详情

DuPont Performance Polymers Zytel HTN FR52G30NH BK337 Polyphthalamide (PPA) (Unverified Data**)

Polyphthalamide (PPA), 30% Glass Fiber Reinforced

DuPont Performance Polymers

产品说明：

30% Glass Reinforced Flame Retardant Non-Halogenated PPA High Performance Polyamide

Zytel HTNFR52G30NH BK337 is a 30% glass reinforced flame retardant lubricated high performance polyamide resin. It is also a PPA resin and it uses a non-halogenated fla

Information provided by DuPont Performance Polymers

物性信息：

物理性能额定值 (公制)额定值 (英制)测试方法	1.44 g/cc
线性成型收缩率,Flow	0.0030 cm/cm
线性成型收缩率，横向	0.010 cm/cm
机械性能额定值 (公制)额定值 (英制)测试方法	150 MPa
抗张强度	0.150 MPa @Strain 0.000 %, Temperature 175 ° C
	0.180 MPa @Strain 0.000 %, Temperature 150 ° C
	10.49 MPa @Strain 0.200 %, Temperature 150 ° C
	12.22 MPa @Strain 0.110 %, Temperature 40.0 ° C
	13.56 MPa @Strain 0.110 %, Temperature 23.0 ° C

13.67 MPa

@Strain 0.110 %, Temperature -40.0 ° C

15.62 MPa

@Strain 0.130 %, Temperature 23.0 ° C

18.0 MPa

@Strain 0.150 %, Temperature -40.0 ° C

30.39 MPa

@Strain 0.760 %, Temperature 175 ° C

33.24 MPa

@Strain 0.680 %, Temperature 150 ° C

33.35 MPa

@Strain 0.830 %, Temperature 150 ° C

44.64 MPa

@Strain 0.450 %, Temperature 40.0 ° C

45.48 MPa

@Strain 1.46 %, Temperature 175 ° C

47.11 MPa

@Strain 1.49 %, Temperature 150 ° C

47.7 MPa

@Strain 0.420 %, Temperature 23.0 ° C

48.18 MPa

@Strain 0.440 %, Temperature 23.0 ° C

49.15 MPa

@Strain 1.26 %, Temperature 150 ° C

55.18 MPa

@Strain 2.30 %, Temperature 175 ° C

55.38 MPa

@Strain 2.19 %, Temperature 150 ° C

56.61 MPa

@Strain 0.490 %, Temperature -40.0 ° C

61.01 MPa

@Strain 1.99 %, Temperature 150 ° C

61.84 MPa

@Strain 0.550 %, Temperature -40.0 ° C

64.29 MPa

@Strain 4.64 %, Temperature 150 ° C

66.07 MPa

@Strain 5.37 %, Temperature 175 ° C

67.98 MPa

@Strain 0.760 %, Temperature 40.0 ° C

71.24 MPa

@Strain 0.660 %, Temperature 23.0 ° C

74.37 MPa

@Strain 4.87 %, Temperature 150 ° C

74.82 MPa

@Strain 0.740 %, Temperature 23.0 ° C

85.4 MPa

@Strain 1.06 %, Temperature 40.0 ° C

90.43 MPa

@Strain 0.830 %, Temperature -40.0 ° C

91.62 MPa

@Strain 0.860 %, Temperature -40.0 ° C

93.25 MPa

@Strain 1.00 %, Temperature 23.0 ° C

95.43 MPa

@Strain 0.950 %, Temperature 23.0 ° C

116.94 MPa

@Strain 1.15 %, Temperature -40.0 ° C

118.43 MPa

@Strain 2.11 %, Temperature 40.0 ° C

119.69 MPa

@Strain 1.18 %, Temperature -40.0 ° C

135.95 MPa

@Strain 1.94 %, Temperature 23.0 ° C

156.87 MPa

@Strain 2.06 %, Temperature 23.0 ° C

178.43 MPa

@Strain 2.12 %, Temperature -40.0 ° C

196.69 MPa

@Strain 2.46 %, Temperature -40.0 ° C

伸长率 (断裂)

2.2 %

拉伸模量

10.0 GPa

弯曲强度	230 MPa
弯曲模量	8.70 GPa
割线模量	2.27 GPa @Strain 3.27 %, Temperature 100 ° C
	3.04 GPa @Strain 2.27 %, Temperature 100 ° C
	3.38 GPa @Strain 2.84 %, Temperature 100 ° C
	3.90 GPa @Strain 1.47 %, Temperature 100 ° C
	4.38 GPa @Strain 1.95 %, Temperature 100 ° C
	5.2029 GPa @Strain 0.690 %, Temperature 100 ° C
	5.36 GPa

@Strain 1.24 %, Temperature 100 ° C

5.55 GPa

@Strain 2.07 %, Temperature 80.0 ° C

6.46 GPa

@Strain 1.73 %, Temperature 40.0 ° C

6.56 GPa

@Strain 0.660 %, Temperature 100 ° C

6.68 GPa

@Strain 0.120 %, Temperature 100 ° C

6.70 GPa

@Strain 1.46 %, Temperature 80.0 ° C

7.4937 GPa

@Strain 1.27 %, Temperature 40.0 ° C

7.88 GPa

@Strain 1.57 %, Temperature 23.0 ° C

7.90 GPa

@Strain 0.950 %, Temperature 80.0 ° C

8.07 GPa

@Strain 0.180 %, Temperature 100 ° C