

PA66 70G33L NC010 玻璃纤维33增强

产品名称	PA66 70G33L NC010 玻璃纤维33增强
公司名称	东莞市通标高分子材料有限公司
价格	33.00/kg
规格参数	
公司地址	东莞市樟木头镇塑胶原料市场1期新6栋1号
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产品详情

DuPont Zytel nylon resin杜邦Zytel 尼龙树脂Glass Reinforced Resins玻璃纤维增强树脂

Zytel 70G33L NC010 is a 33% glass fiber reinforced polyamide 66 resin for injection molding.zytel70G33L NC010是一个33%玻璃纤维增强聚酰胺66树脂注塑。

Property

Test Method

Units

Value

DAM

50%RH

Identification

Resin Identification

Part Marking Code

ISO 1043

ISO 11469

PA66-GF33

>PA66-GF33<

Mechanical

Stress at Break

Strain at Break

Tensile Modulus

Poisson's Ratio

Flexural Modulus

Flexural Strength

Notched Charpy Impact Strength

-40 (-40)

-30 (-22)

23 (73)

Unnotched Charpy Impact Strength

ISO 527

ISO 527

ISO 178

ISO 179/1eA

ISO 179/1eU

MPa(kpsi)

%

MPa(kpsi)

2

kJ/m

200(29.0)

3.5

10500(1520)

0.39

9300(1350)

290(42)

10

13

70

85

140(20.3)

5

8000(1160)

6205(900)

200(29)

17

75

100

Thermal

Deflection Temperature

0.45MPa

1.80MPa

Melting Temperature

10 /min

CLTE, Normal

-40-23 (-40-73)

23-55 (73-130)

55-160 (130-320)

CLTE, Parallel

ISO 75f

ISO 11357-1/-3

ISO 11359-1/-2

()

()

E-4/C(E-4/F)

261(502)

252(486)

262(504)

0.65(0.36)

0.83(0.46)

1.37(0.76)

0.24(0.13)

0.18(0.10)

0.13(0.07)

Electrical

Relative Permittivity

1E2 Hz

1E6 Hz

Volume Resistivity

Dissipation Factor

CTI

3.0mm

IEC 60250

IEC 60093

IEC 60250

UL 746A

ohm m

E-4

V

4.2

4.0

1E13

150

600

Flammability

Flammability Classification

0.71mm

Oxygen Index

High Amperage Arc Ignition Resistance

0.75mm

High Voltage Arc Tracking Rate

Hot Wire Ignition

1.5mm

UL94

ISO 4589-1/-2

%

arcs

mm/min(in/min)

s

HB

24

>200

32.2(1.27)

8

6

9

Temperature Index

RTI, Electrical

RTI, Impact

RTI, Strength

UL 746B

UL 746B

130

120

130

Other

Density

Water Absorption

Equilibrium 50%RH

Immersion 24h, 2.0mm

Saturation, immersed

Molding Shrinkage

Normal, 2.0mm

Parallel, 2.0mm

ISO 1183

ISO 62, Similar to

ISO 294-4

3 3

kg/m(g/cm)

1390(1.39)

1.8

1.2

5.7

1.1

0.3

Other

Mold Shrinkage

Flow, 1.6mm(0.063in)

Flow, 3.2mm(0.126in)

Flow, 6.4mm(0.25in)

Transverse, 1.6mm(0.063in)

Transverse, 3.2mm(0.126in)

Transverse, 6.4mm(0.25in)

%

0.2

0.5

1.0

Processing

Melt Temperature Range

Melt Temperature Optimum

Mold Temperature Range

Mold Temperature Optimum

Drying Time, Dehumidified Dryer

Drying Temperature

Processing Moisture Content

()

h

285-305(545-580)

295(565)

70-120(160-250)

100(210)

2-4

80(175)

<0.20

Contact DuPont for Material Safety Data Sheet, general guides and/or additional information about ventilation, handling, purging, drying, etc. ISO Mechanical properties measured at 4.0mm, ISO Electrical properties measured at 2.0mm, and all ASTM properties measured at 3.2mm. Test temperatures are 23 unless otherwise stated.

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