

德国巴斯夫S3010聚醚砜树脂

产品名称	德国巴斯夫S3010聚醚砜树脂
公司名称	广东得亨塑胶科技有限公司
价格	170000.00/吨
规格参数	巴斯夫:注塑级 S3010:聚醚砜树脂 德国:颗粒料
公司地址	广东省东莞市樟木头镇先威路75号4栋102室
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产品详情

BASF Ultrason S 3010 PSU 物性表

物理性能	密度	1.24 g/cc
吸水率		0.80 %
平衡吸湿		0.30 %
粘度测试		72 cm/g
线性成型收缩率,Flow		0.0070 cm/cm

线性成型速率，横向

0.00710mm/cm

@Load 10.0 kg, Temperature 360 ° C

机械性能额定值 (公制)额定值 (英制)测试方法

135 MPa

抗张强度(断裂)

75.0 MPa

抗张强度

20.0 MPa

@Strain 1.00 %, Temperature 160 ° C

27.0 MPa

@Strain 1.00 %, Temperature 23.0 ° C

35.0 MPa

@Strain 2.00 %, Temperature 160 ° C

47.0 MPa

@Strain 2.00 %, Temperature 23.0 ° C

70.0 MPa

@Strain 4.00 %, Temperature 23.0 ° C

抗张强度(屈服)

75.0 MPa

40.0 MPa

@Temperature 140 ° C

58.0 MPa

@Temperature 100 ° C

68.0 MPa

@Temperature 60.0 ° C

75.0 MPa

@Temperature 20.0 ° C

伸长率 (断裂)

5.7 %

屈服伸长率

5.7 %

0.50 %

@Time 3600 sec, Pressure 10.0 MPa

0.55 %

@Pressure 10.0 MPa, Time 360000 sec

0.56 %

@Pressure 10.0 MPa, Time 3.60e+7 sec

0.80 %

@Time 3600 sec, Pressure 20.0 MPa

0.90 %

@Pressure 20.0 MPa, Time 360000 sec

1.3 %

@Time 3600 sec, Pressure 30.0 MPa

1.4 %

@Pressure 30.0 MPa, Time 360000 sec

1.5 %

@Pressure 30.0 MPa, Time 3.60e+7 sec

1.9 %

@Time 3600 sec, Pressure 40.0 MPa

2.0 %

@Pressure 20.0 MPa, Time 3.60e+7 sec

2.0 %

@Pressure 40.0 MPa, Time 360000 sec

2.0 %

@Time 3600 sec, Pressure 42.0 MPa

2.2 %

@Pressure 42.0 MPa, Time 360000 sec

2.4 %

@Pressure 40.0 MPa, Time 3.60e+7 sec

2.5 %

@Pressure 42.0 MPa, Time 3.60e+7 sec

Creep Strength

17.0 MPa

@Time 3.60e+7 sec

20.0 MPa

@Time 3.60e+6 sec

25.0 MPa

@Time 360000 sec

@Time 36000 sec

32.0 MPa

弹性模量

2.00 GPa

@Temperature 140 ° C

2.30 GPa

@Temperature 100 ° C

2.49 GPa

@Temperature 60.0 ° C

2.51 GPa

@Temperature 20.0 ° C

拉伸模量

2.60 GPa

Fatigue Strength

25.0 MPa

@# of Cycles 1.00e+7

30.0 MPa

@# of Cycles 1.00e+6

40.0 MPa

@# of Cycles 100000

50.0 MPa

@# of Cycles 10000

剪切模量

0.0250 GPa

@Temperature 200 ° C

0.800 GPa

@Temperature 175 ° C

0.900 GPa

@Temperature 100 ° C

@Temperature 50.0 ° C

0.950 GPa

悬壁梁缺口冲击强度

5.50 kJ/m

5.00 kJ/m

@Temperature 120 ° C

6.00 kJ/m

@Temperature -30.0 ° C

10.0 kJ/m

@Temperature 50.0 ° C

13.0 kJ/m

@Temperature -25.0 ° C