

PA66 美国首诺 41SP易加工 耐高温 耐老化

产品名称	PA66 美国首诺 41SP易加工 耐高温 耐老化
公司名称	苏州安俊尔塑胶有限公司
价格	.00/个
规格参数	品牌:美国首诺 型号:41SP
公司地址	昆山市花桥镇蓬青路888号立德企业家园区6号楼 2室一楼
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产品详情

PA66美国首诺41SP 产品信息：

物理性能额定值 (公制)额定值 (英制)测试方法比重1.14 g/cc1.14 g/ccISO 1183吸水率1.2 %1.2 %24 hrs; ISO 62平衡吸湿2.4 %2.4 %Equilibrium at 50%rh; ISO 62线性成型收缩率0.014 cm/cm

@Thickness 2.00 mm

0.014 in/in

@Thickness 0.0787 in

ISO 294-4线性成型收缩率，横向0.016 cm/cm

@Thickness 2.00 mm

0.016 in/in

@Thickness 0.0787 in

ISO 294-4机械性能额定值 (公制)额定值 (英制)测试方法抗张强度(断裂)75.0 MPa10900 psiISO 527-2抗张强度(屈服)98.0 MPa14200 psiISO 527-2伸长率 (断裂)13 %13 %ISO 527-2屈服伸长率4.5 %4.5 %ISO 527-2拉伸模量3.80 GPa551 ksiISO 527-2弯曲强度100 MPa14500 psiISO 178弯曲模量3.20 GPa464 ksiISO 178泊松比0.400.40ISO 527-2悬壁梁缺口冲击强度6.00 kJ/m22.86 ft-lb/in2ISO 1805.00 kJ/m2

@Temperature -30.0 ° C

2.38 ft-lb/in²

@Temperature -22.0 ° F

ISO 180筒支梁无缺口冲击强度NB

@Temperature 23.0 ° C

NB

@Temperature 73.4 ° F

ISO 179/1eUNB

@Temperature -30.0 ° C

NB

@Temperature -22.0 ° F

ISO 179/1eU筒支梁缺口冲击强度0.500 J/cm²

@Temperature -30.0 ° C

ISO 179/1eA0.600 J/cm²

@Temperature 23.0 ° C

2.86 ft-lb/in²

@Temperature 73.4 ° F

ISO 179/1eA电气性能额定值 (公制)额定值 (英制)测试方法体积电阻率1.00e 10 ohm-cm

@Thickness 0.750 mm

1.00e 10 ohm-cm

@Thickness 0.0295 in

IEC 60093介电强度26.0 kV/mm

@Thickness 1.00 mm

660 kV/in

@Thickness 0.0394 in

IEC 60243耐电弧性120 - 179 sec

@Thickness 3.00 mm

120 - 179 sec

@Thickness 0.118 in

ASTM D495相比耐漏电起痕指数(CTI)600 V

@Thickness 3.00 mm

600 V

@Thickness 0.118 in

IEC 60112热丝引燃 (HWI)7.0 - 14 sec

@Thickness 0.710 mm

7.0 - 14 sec

@Thickness 0.0280 in

UL 74615 - 29 sec

@Thickness 1.50 mm

15 - 29 sec

@Thickness 0.0591 in

UL 74615 - 29 sec

@Thickness 3.00 mm

15 - 29 sec

@Thickness 0.118 in

UL 746高电弧燃烧指数(HAI) \geq 120 arcs

@Thickness 0.710 mm

\geq 120 arcs

@Thickness 0.0280 in

UL 746 \geq 120 arcs

@Thickness 1.50 mm

\geq 120 arcs

@Thickness 0.0591 in

UL 746 >= 120 arcs

@Thickness 3.00 mm

>= 120 arcs

@Thickness 0.118 in

UL 746 高压电弧跟踪率, HVTR 0.000 - 10.0 mm/min 0.000 - 0.394 in/min
UL 746 热性能额定值 (公制) 额定值 (英制)
测试方法 线性热膨胀系数 10.0 $\mu\text{m}/\text{m} \cdot ^\circ\text{C}$

@Thickness 2.00 mm, Temperature 23.0 - 55.0 $^\circ\text{C}$

5.56 $\mu\text{in}/\text{in} \cdot ^\circ\text{F}$

@Thickness 0.0787 in, Temperature 73.4 - 131 $^\circ\text{F}$

ISO 11359-2 线性热膨胀系数, 横向流动 10.0 $\mu\text{m}/\text{m} \cdot ^\circ\text{C}$

@Thickness 2.00 mm, Temperature 23.0 - 55.0 $^\circ\text{C}$

ISO 11359-2 熔融温度 260 $^\circ\text{C}$ 500 $^\circ\text{F}$
ISO 11359-2 载荷下热变形温度 (0.46 MPa) 230 $^\circ\text{C}$ 446 $^\circ\text{F}$ Unannealed;
ISO 75-2/B 载荷下热变形温度 (1.8 MPa) 90.0 $^\circ\text{C}$ 194 $^\circ\text{F}$ Unannealed; ISO 75-2/A UL RTI 130 $^\circ\text{C}$

@Thickness 0.400 mm

266 $^\circ\text{F}$

@Thickness 0.0157 in

UL 746 130 $^\circ\text{C}$

@Thickness 0.710 mm

266 $^\circ\text{F}$

@Thickness 0.0280 in

UL 746 130 $^\circ\text{C}$

@Thickness 1.50 mm

266 $^\circ\text{F}$

@Thickness 0.0591 in

UL 746 130 $^\circ\text{C}$

@Thickness 3.00 mm

266 $^\circ\text{F}$

@Thickness 0.118 in

UL 746UL RTI , 机械冲击75.0 ° C

@Thickness 0.400 mm

167 ° F

@Thickness 0.0157 in

UL 74675.0 ° C

@Thickness 0.710 mm

167 ° F

@Thickness 0.0280 in

UL 74675.0 ° C

@Thickness 1.50 mm

167 ° F

@Thickness 0.0591 in

UL 74675.0 ° C

@Thickness 3.00 mm

167 ° F

@Thickness 0.118 in

UL 746UL RTI , 机械无冲击75.0 ° C

@Thickness 0.400 mm

UL 74685.0 ° C

@Thickness 0.710 mm

185 ° F

@Thickness 0.0280 in

UL 74685.0 ° C

@Thickness 1.50 mm

185 ° F

@Thickness 0.0591 in

UL 74685.0 ° C

@Thickness 3.00 mm

185 ° F

@Thickness 0.118 in

UL 746可燃性(UL94)V-2

@Thickness 0.400 mm

V-2

@Thickness 0.0157 in

V-2

@Thickness 0.710 mm

V-2

@Thickness 0.0280 in

V-2

@Thickness 1.50 mm

V-2

@Thickness 0.0591 in

V-2

@Thickness 3.00 mm

V-2

@Thickness 0.118 in

极限氧指数26 %26 %ISO 4589-2灼热丝易燃指数700 ° C

@Thickness 0.710 mm

1290 ° F

@Thickness 0.0280 in

Ignition Temp; IEC 60695-2-12700 ° C

@Thickness 1.50 mm

1290 ° F

@Thickness 0.0591 in

Ignition Temp; IEC 60695-2-12700 ° C

@Thickness 3.00 mm

1290 ° F

@Thickness 0.118 in

Ignition Temp; IEC 60695-2-12800 ° C

@Thickness 0.710 mm

1470 ° F

@Thickness 0.0280 in

Flammability Index; IEC 60695-2-12800 ° C

@Thickness 1.50 mm

1470 ° F

@Thickness 0.0591 in

Flammability Index; IEC 60695-2-12930 ° C

@Thickness 3.00 mm

1710 ° F

@Thickness 0.118 in

Flammability Index; IEC 60695-2-12加工性能额定值 (公制)额定值 (英制)测试方法加工温度285 - 300 ° C545 - 572 ° F Melt料筒后部温度260 - 280 ° C500 - 536 ° F料筒中部温度270 - 285 ° C518 - 545

° F料筒前部温度280 - 290 ° C536 - 554 ° F射嘴温度280 - 300 ° C536 - 572 ° F模具温度65.0 - 95.0 ° C149 - 203 ° F干燥温度<= 70.0 ° C<= 158 ° F