

NOVALLOY A SXGBWA

玻纤增强 PA/ABS 树脂
GF Reinforced PA/ABS resin

大赛璐 基本物性

DAICEL TYPICAL PROPERTIES

| 性能 Property | 单位 Unit | 试验法 ISO | 测定条件 Test Condition | SXGBWA |
|---|----------------------------------|-------------|--------------------------------|--------|
| 物理性能 Mechanical | | | | |
| 拉伸强度 Tensile Strength | MPa | ISO 527 | | 165 |
| 拉伸延伸率 Elongation | % | ISO 527 | | - |
| 弯曲强度 Flexural Strength | MPa | ISO 178 | | 300 |
| 弯曲弹性模量 Flexural Modulus | MPa | ISO 178 | | 17800 |
| Charpy 冲击强度 Charpy Impact Strength | KJ/m ² | ISO 179/1eA | 4mm 宽, 23 °C 缺口 | 13 |
| 洛氏硬度 Rockwell Hardness | R | ISO 2039 | R 级 | - |
| 热性能 Thermal | | | | |
| 热变形温度 Heat Deflection Temp | °C | ISO 75 | 4mm 宽, 1.80MPa 退火, annealed | 210 |
| 其它性能 Miscellaneous | | | | |
| 比重 Specific Gravity | g/cm ³ | ISO 1183 | | 1.66 |
| 熔融指数 Melt Flow Rate | g/10min | ISO 1133 | 280°C/5kg | 12 |
| 成型收缩率 Mold Shrinkage | % | ASTM D955 | - | 0~0.2 |
| 线膨胀系数 coefficient of linear expansion | 10 ⁻⁶ K ⁻¹ | ISO 11359 | 平行方向 | 2 |
| | | | 垂直方向 | 3 |

- 注: 1. 此数值是实验代表性的数值, 但不是质量保证书的数值, 仅供参考;
These figures are merely typical characteristic figures of the trial ;
They are not quality guarantee figures and are for reference only;
2. 此数值可能会受着色剂种类和数量的影响;
These figures may be affected by type and quantity of the pigment;
3. 测试条件为 23 °C, 50%RH。
Test condition is 23 °C, 50%RH.

标准成型条件/Typical settings for processing

| 预干燥 Preliminary drying | 料筒温度设定 (°C) Barrel temperature(deg C) | | | | 螺杆回转数 Screw rotation (rpm) | 背压 Back pressure (MPa) | 模具温度 Mold temperature (deg C) |
|------------------------------|--|-------------|--------------|------------|-------------------------------------|---------------------------------|--|
| | 喷嘴 Nozzle | 前部 Front | 中部 Middle | 后部 Back | | | |
| 3-5 小时(hrs) 120°C | 240-280 | 240-280 | 230-270 | 220-260 | 60-150 | 20-150 | 60-120 |