

General Purpose Polystyrene GPPS 5250/N

Category: General Purpose Polystyrene GPPS

BRAND: TAIRIRREX

Material Notes:

Characteristic: High melt flow

Use: Food containers, Stationery, Toys, Cassettes, Cosmetic cases, Food Container, Food Packaging, General Purpose

| Property | Test Method | Test Condition | Unit | Typical Value |
|---------------------------------------|-------------------------|--|-------------------------------|-----------------------|
| 熔融指数 Melt Flow Index | ASTM D-1238 ISO 1133 | 200C × 5kg | g/10 min | 9.0 |
| Izod 冲击强度 Izod Impact Strength | ASTM D-256 ISO 180 | 23 C , 6.4mm 厚 , Notched 23 C , 4mm 厚 , Notched | kg-cm/cm kJ/m ² | 1.7 1.8 |
| Charpy 冲击强度 Charpy Impact Strength | ISO-179 | 23C , 4mm 厚 , GPPS 无缺口 HIPS 有缺口 | kJ/m ² | 8.0 |
| 抗张强度 Tensile Strength | ASTM D-638 ISO 527 | 23 C , 5mm/min 23 C , 20mm/min | kg/cm ² MPa | 440 45 |
| 抗张模数 Tensile Modulus | ASTM D-638 ISO 527 | 23 C , 1mm/min 23 C , 1mm/min | kg/cm ² MPa | 26500 3300 |
| 伸长率 Tensile Elongation | ASTM D-638 ISO 527 | 23 C , 5mm/min 23 C , 20mm/min | % | 2 1.5 |
| 弯曲强度 Flexural Strength | ASTM D-790 ISO 178 | 23 C , 1.2mm/min 跨距 50.8mm 23 C , 2mm/min, 跨距 64mm | kg/cm ² MPa | 900 70 |
| 弯曲模数 Flexural Modulus | ASTM D-790 ISO 178 | 23 C , 1.2mm/min, 跨距 50.8mm 23 C , 2mm/min 跨距 64mm | kg/cm ² MPa | 30000 3000 |
| 热变形温度 Heat Deflection Temperature | ASTM D-648 ISO 75/A | Unannealed, 120C /h, 1.8MPa, 3.2mm 厚 Annealed 80C *2hr, 120C /h, 1.8MPa, 3.2mm 厚 Unannealed, 120C /h, 1.8MPa 4mm 厚 Annealed 80C *2hr, 120C /h, 1.8MPa 4mm 厚 | C | 75 90 75 90 |
| 卫氏软化点 Vicat Softening Point | ASTM D-1525 ISO 306 | Annealed 80C *2hr, 10N 50C /h | C | 97 |
| 残留单体 Reidual Monomer | - | - | ppm max | 500 |
| 燃烧性 Flammability | UL-94 | - | - | 1.5mm HB All Color |

特性
Speciality

一般射出成型
Injection molding

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