



TAIRIREX® PS 树脂

| Property | Unit | Test Method | Test Condition | General Purpose PS |
|-----------------------|----------------------------------|--|---|-----------------------|
| | | | | GP550N |
| Tensile Strength | kg/cm ² (Mpa) | ASTM D-638 (ISO 527) | 23 °C | 510 (50) |
| Tensile Modulus | kg/cm ² (Mpa) | ASTM D-638 (ISO 527) | 23 °C | 27000 (3400) |
| Tensile Elongation | % | ASTM D-638 (ISO 527) | 23 °C | 2 (1.7) |
| Flexural Strength | kg/cm ² (Mpa) | ASTM D-790 (ISO 178) | 23 °C | 1000 (98) |
| Flexural Modulus | kg/cm ² (Mpa) | ASTM D-790 (ISO 178) | 23 °C | 30000 (3700) |
| Izod Impact trength | kg-cm/cm (kJ/m ²) | ASTM D-256 (ISO 180) | 23 °C 1/4" 23 °C 4 mm | 1.9 (1.7) |
| Vicat Softening Point | °C | ASTM D-1525 (ISO 306A ₅₀) | Annealed 10 N 1/8" · 50 °C / h | 106 (106) |
| Heat Deflection | °C | ASTM D-648 (ISO 75/A) | Annealed 1.8Mpa 1/8" (4mm) · 120°C/h | 95 (96) |
| Melt Flow Index | g/10 min | ASTM D-1238 (ISO 1133) | 200 °C × 5 kg (49 N) | 1.9 |
| Reidual Monomer | ppm max | | | 500 |
| Specific Gravity | | ASTM D-792 | 23 °C/23 °C | 1.04 |
| Flammability | | UL-94 | File No. E162823 | 1.5mm HB All Color |
| Characteristics | High M.W, Extrusion | | | |

All tests were run under laboratory conditions, ASTM, ISO testing procedures.
The data are intended as a general guide only.

Formosa Chemicals Industries (Ningbo) Co., Ltd.

TEL: (0574) 86028116/86028186 /

FAX: (0574) 86029999-2116/2186

Address: FPG Ningbo Industrial Park Beliu Ningbo, China Website:

<https://en.fcfc-plastics.com/>



台塑關係企業
FORMOSA PLASTICS GROUP

