



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 strength	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
Residual 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 Belium Ningbo, China Website:

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



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