



TAIRIREX® PS 树脂

Property	Unit	Test Method	Test Condition	General Purpose PS
				GP535H
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	520 (50)
Tensile Modulus	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	27000 (3650)
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	990 (94)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	30000 (3350)
Izod Impact strength	kg-cm/cm (kJ/m ²)	ASTM D-256 (ISO 180)	23 °C 1/4" 23 °C 4 mm	2.0 (1.9)
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)	2.6
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 Heat Resistance			

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

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