

PS樹脂



Formosa Chemical & Fibre Corporation

Property	Unit	Test Method	Test Condition	GPPS (General Purpose PS)
Model				GP5000
Melt Flow Index	g/10min	ISO 1133	200°C × 5kg 49N	10
IZOD Impact Strength	kJ/m²	ISO 180	23 °C, 4mm, Unnotched	1.6
Charpy Impact Strength	kJ/m²	ISO 179	23°C, 4mm GPPS無缺口, HIPS有缺口	8.7
Tensile Strength	Mpa	ISO 527	23 °C, 20mm/min	42
Tensile Modulus	Mpa	ISO 527	23 °C, 1mm/min	3400
Tensile Elongation	%	ISO 527	23 °C, 20mm/min	3
Flexural Strength	Mpa	ISO 178	23 °C, 2mm/min	72
Flexural Modulus	Mpa	ISO 178	23 °C, 2mm/min	3400
Vicat Softening Point	°C	ISO 306	Annealed 80°C*2hr, 4mm, 10N 50°C/h	94
Reidual Monomer	ppm max		-	700
Heat Deflection Temperature	°C	ISO 75/A	Annealed 80°C*2hr, 120°C/h, 1.8Mpa 4mm	89
Combustibility		UL-94	File No. E162823	HB 1.5 ~ 1.7 mm
Features	High flow Injection molding			

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

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