

PS樹脂



Formosa Chemical & Fibre Corporation

Property	Unit	Test Method	Test Condition	HIPS (High Impact PS)
Model				HP8250
Melt Flow Index	g/10min	ISO 1133	200℃ × 5kg 49N	5.5
IZOD Impact Strength	kJ/m²	ISO 180	23 °C, 4mm, Unnotched	11
Charpy Impact Strength	kJ/m²	ISO 179	23℃, 4mm GPPS無缺口, HIPS有缺口	8.5
Tensile Strength	Mpa	ISO 527	23 °C, 20mm/min	24
Tensile Modulus	Mpa	ISO 527	23 °C, 1mm/min	2200
Tensile Elongation	%	ISO 527	23 °C, 20mm/min	33
Flexural Strength	Mpa	ISO 178	23 °C, 2mm/min	41
Flexural Modulus	Mpa	ISO 178	23 °C, 2mm/min	2200
Vicat Softening Point	℃	ISO 306	Annealed 80℃*2hr, 4mm, 10N 50℃/h	98
Reidual Monomer	ppm max		-	700
Heat Deflection Temperature	℃	ISO 75/A	Annealed 80℃*2hr, 120℃/h, 1.8Mpa 4mm	96
Combustibility		UL-94	File No. E162823	HB 0.8 ~ 3 mm
Features	High impact, Normal flow			

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

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