



TAIRIREX[®] PS Resin

Property	Unit	Test Method	Test Condition	High Impact PS
				HP825F
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	230 (23)
Tensile Modulus	kg/cm ² X10 ⁴ (MPa)	ASTM D-638 (ISO527)	23 °C	2.2 (2160)
Tensile Elongation	%	ASTM D-638 (ISO527)	23 °C	40
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	440 (43)
Flexural Modulus	kg/cm ² X10 ⁴ (MPa)	ASTM D-790 (ISO 178)	23 °C	2.1 (2260)
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23 °C 1/4"bar	11.0 (108)
Vicat Softening Point	°C	ASTM D-1525 D-648 (ISO306B 75/A)	Annealed 80°C×2hr 1/8"bar	97
Heat Deflection Temperature	°C	ASTM D-1525 D-648 (ISO306B 75/A)	Annealed 80°C×2hr 1/8" bar	90
Melt Flow Index		ASTM D-1525 D-648 (ISO306B 75/A)	200°CX5Kg (49N)	9.5
Reidual Monomer	ppm max.			700
Flammability		UL-94	File No. E162823	1.5mm HB NC
CHARACTERISTICS	High flow, 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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