

TAIRIREX<sup>®</sup> PS Resin

Property	Unit	Test Method	Test Condition	High Impact PS
				MP6500
Tensile Strength	kg/cm <sup>2</sup> (MPa)	ASTM D-638	23 °C	290 (28)
Tensile Modulus	kg/cm <sup>2</sup> X10 <sup>4</sup> (MPa)	ASTM D-638	23 °C	2.4 (2352)
Tensile Elongation	%	ASTM D-638	23 °C	40
Flexural Strength	kg/cm <sup>2</sup> (MPa)	ASTM D-790	23 °C	560 (56)
Flexural Modulus	kg/cm <sup>2</sup> X10 <sup>4</sup> (MPa)	ASTM D-790	23 °C	2.5 (2450)
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/4" bar	8.0 (76)
Vicat Softening Point	°C	ASTM D-1525	Annealed 80°C X 2hr 1/8" bar	100
Heat Deflection Temperature	°C	ASTM D-648	Annealed 80°C X 2hr 1/8" bar	91
Melt Flow Index		ASTM D-1238	200°C X 5Kg (49N)	6.7
Residual Monomer	ppm max.			700
Specific Gravity		ASTM D-792	23 °C	1.04
Flammability		UL-94	File No. E162823	1.5-1.7mm HB All Color
Characteristics	Medium impact			

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

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