

## High Impact Polystyrene Sheet / Polypropylene Sheet

<b>ASP 1700 HIGH IMPACT POLYSTYRENE SHEET</b>				
<b>TYPICAL PROPERTIES</b>				
<b>PHYSICAL PROPERTIES</b>		Unit	Value	Test Method
Specific Gravity		-	1.04	ASTM - D792
Tensile Properties	Strength	kg / cm <sup>2</sup>	270	ASTM - D638
	Elongation	%	50	
Flexural Properties	Strength	kg / cm <sup>2</sup>	560	ASTM - D790
	Modulus		23,000	
Izod Impact Strength (notched)	MD	kJ / m <sup>2</sup>	10.0	ASTM - D256
	TD		8.5	
Heat Distortion Temp.		°C	84	ASTM - D648
Ball Pressure Temp.		°C	89	JIS - K6871
Gloss		%	72	ASTM - D523
Rockwell Hardness		-	L 65	ASTM - D785
Flammability		-	-	UL - 94

<i>ASP 2700 POLYPROPYLENE SHEET</i>				
<i>TYPICAL PROPERTIES</i>				
<b>PHYSICAL PROPERTIES</b>		Value	Unit	Test Method
Specific Gravity		0.9	-	-
Tensile Properties	Strength	30	Mpa	JIS K7113
	Elongation	700	%	
Flexural Properties	Modulus	1350	Mpa	JIS K7203
Izod Impact Strength (23°C notched)		15	kJ / m <sup>2</sup>	JIS K7110
Heat Distortion Temp. (4.8 kg / cm <sup>2</sup> )		107	°C	JIS K7207
Haze		41	%	JIS K7105
Rockwell Hardness		91	R. Scale	JIS K7202
Stress at yield		31 / 29	Mpa	JIS K7113