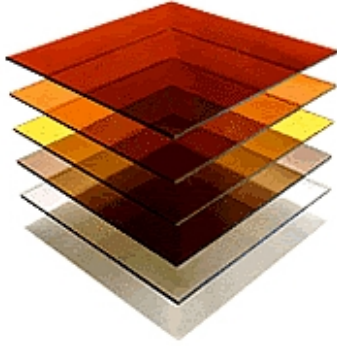


KOREAPLATE CO., LTD..

Made in Korea



Product Name: High Efficiency Static Dissipative Acrylic Plate (Clear Colour)

Certificate Number: KP-017

Issued Number: 2004-3-15

Issued For: Customers

Division	Test item	Unit	Measurement value	Method of exam
Physical nature	Specific gravity	-	1.19	ASTM D-792
	Water absorption	%	0.3	ASTM D-570
	Pencil hardness	-	3H~5H	JIS K5400
	Piece close adhesion strength	-	100/100	JIS K5400
	Total light transmittance	%	88	ASTM D-1003
	Parallel light transmittance	%	85	ASTM D-1003
Mechanical properties	Tensile strength	kgf/cm <sup>2</sup>	560~670	ASTM D-638
	Elongation	%	2.0~7.0	ASTM D-638
	Flexural strength	kgf/cm <sup>2</sup>	840~1200	ASTM D-790
	Flexural modulus of elasticity	kgf/cm <sup>2</sup>	2.6 x 10 <sup>4</sup>	ASTM D-648
			~3.2 x 10 <sup>4</sup>	
	IZOD shock strength	kgf/cm <sup>2</sup>	1.6~2.2	ASTM D-256
Burning resistance	-	Incombustibility HB		
Electric nature	Surface resistance	Ω/□	10 <sup>6</sup> -10 <sup>8</sup>	ASTM D-257
	Antistatic function	Sec	Below 0.1	MIL B-81705B
Durability	Hot water resistance	-	No change	40°C
	Heat resistance	-	No change	80°C
	Thermal cycle test	-	No change	minus 54°C (30min), 100cycle
Chemical resistance	Acetone	-	Not affected	
	Methanol	-	Not affected	Evaluation after 15hour
	Isopropyl alcohol	-	Not affected	Droplet
	Sulfuric acid	-	Not affected	
	Caustic soda	-	Not affected	
Others	Heat deflection	°C	97	ASTM D-648
		cm/cm. °C	7 x 10 <sup>-5</sup>	ASTM D-696
		°C	77	
		mm. Min	31	ASTM D-635
Standard size	2/5/10mm(T)*1,000mm(W)*2,000mm(L)			