



各類抗靜電板材比較特性

ITEM	PMMA (ACRYLIC) 壓克力	PC 聚碳酸脂	PVC 聚氯乙烯	聚氯乙烯 PVC 強化板	A-PET 保特 聚乙硫對苯二酸
Specific Gravity	1.19	1.2	1.42	1.42	1.34
Tensile Strength	560-770 kg/cm ²	600-700 kg/cm ²	420-530 kg/cm ²	420-530 kg/cm ²	550-650 kg/cm ²
Elasticity	2.5-3.1	2.1-2.5	2.5-5.6	2.5-5.6	2.8-3.7
Bending Strength	840-1200 kg/cm ²	850-950 kg/cm ²	1100-1100 kg/cm ²	1100-1100 kg/cm ²	900-990 kg/cm ²
Impact Strength	1.6-2.2 kg/cm ²	75-100 kg/cm ²	2.2-80 kg/cm ²	2.2-80 kg/cm ²	32 kg/cm ²
Chemical Resistance	As spec.	As spec.	As spec.	高度抗化性	As spec.
Light Transmittance	92%	87%	76-79%	高透光性%>80%	85%
Recycling Feasibility	YES	YES	NO	NO	YES
Surface Hardness(H)	4	2	1	2	2
UI-94 Combustibility	FLAMMABLE OR INFLAMMABLE	FLAMMABLE OR INFLAMMABLE V2	FLAMMABLE OR INFLAMMABLE V0	FLAMMABLE OR INFLAMMABLE V0	INFLAMMABLE V2
UV-Light Isolated -280nm	YES	YES	YES	YES	YES

Please Note that if you have test to burn the pvc material, it will cause the dioxin and toxic gas.

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