



## Aluminum Base Copper Clad Laminate Main Technical Properties

Model Number:AL-H-06(A/B/C/D)

Item	Test Condition	Unit	Specification A Series	Specification B Series	Specification C Series	Specification D Series
Dielectric Thickness	/	μm	80-150	80-150	80-150	80-150
Thermal Stress	288℃ No delamination, No foaming	s	120s	120s	120s	120s
Pell Strength	C-96/25/65	N/mm	1.6	1.6	1.6	1.6
Break-down Voltage	DC	KV	4-6	4-6	4-6	4-6
Break-down Voltage	AC	KV	1.5-4.5	1.5-4.5	1.5-4.5	1.5-4.5
CTI	IEC60112	V	600	600	600	600
TG	DSC	℃	120	120	120	120
Surface Resistance	C-96/35/90	MΩ	3*10 <sup>13</sup>	3*10 <sup>13</sup>	3*10 <sup>13</sup>	3*10 <sup>13</sup>
Volume Resistivity	C-96/35/90	MΩ.cm	7*10 <sup>14</sup>	7*10 <sup>14</sup>	7*10 <sup>14</sup>	7*10 <sup>14</sup>
Dielectric Constant 1MHZ	C-96/35/90	/	≦4.5	≦4.5	≦4.5	≦4.5
Dissipation Factor 1MHZ	C-96/35/90	/	≦0.023	≦0.023	≦0.023	≦0.023
Water Absorption	D-24/23	%	≦0.4	≦0.4	≦0.4	≦0.4
Thermal Conductivity	ASTMD5470-12	W/m.k	1.0	1.5	2.0	3.0
Flammability	UL94	/	V-0	V-0	V-0	V-0

**Email:** salesxu@greenmark.com.cn

**Website:** http://www.greenmarkccl.com