



Laminates

Phone: 678-339-0012

Material	Resin Type	TG	Dk	Df	Td	T260	T288	T300	IPC-4101
Isola FR-406*	FR-4	170° C	4.30	0.025	300° C	10	> 2	N/A	21, 24, 26, 28
Isola FR-370 HR	FR-4	180° C	4.04	0.021	340° C	> 60	> 10	N/A	21, 24, 26, 98, 99, 101, 126
Ventec VT-47	FR-4	180° C	4.04	0.021	345° C	> 60	> 10	N/A	21, 24, 26, 97, 98, 99, 101, 126
Isola IS-410*	FR-4	180° C	3.76	0.021	350° C	> 60	> 20	N/A	21, 24, 26, 28, 121, 124, 129
Nelco N4000-13	FR-4	210° C	3.70	0.009	350° C	> 60	> 10	N/A	29
Isola FR-408	FR-4	200° C	3.69	0.009	360° C	> 60	> 10	N/A	21, 24, 121, 124, 129
Ventec-901	Polyimide	250° C	4.10	0.017	390° C	> 60	> 60	> 30	41, 42
Arlon 35N	Polyimide	250° C	4.20	0.010	407° C	> 60	> 60	11	40, 41
Rogers RO3003	Ceramic/PTFE	> 280° C	3.00	.0013	500° C	N/A	N/A	N/A	N/A
Rogers RO4003	Ceramic	> 280° C	3.55	.0027	425° C	N/A	N/A	N/A	N/A
Rogers RO4350	Ceramic	> 280° C	3.66	.0037	390° C	N/A	N/A	N/A	N/A
Rogers RO5870	PTFE	> 280° C	2.33	.0012	500° C	N/A	N/A	N/A	N/A
Rogers RO5880	PTFE	> 280° C	2.20	0.0009	500° C	N/A	N/A	N/A	N/A
Taconic RF-30	Ceramic/PTFE	N/A	3.00	0.0014	N/A	N/A	N/A	N/A	Note: Large Z axis CTE
Taconic TSM-DS	PTFE		2.85	0.001	546° C				

* Limited Availability Due to Phase Out