



Doosan Corporation
Electro-Materials

DSflex-600 technical data sheet

Department : FCCL Quality Team

Material Properties of DSflex-600 Double Side FCCL

Properties	Unit	Dsflex-600 182518E(N)(F)	Test method
Peel Strength As received	Kgf/cm	1.2	IPC-TM-650 2.4.9
Solder float (10sec at 300℃)		Pass	IPC-TM-650 2.4.13
Dimensional Stability After etching (MD/TD) After thermal (MD/TD)	%	-0.03 / -0.02 -0.02 / -0.01	IPC-TM-650 2.2.4
Surface resistance	Ω	1×10^{13}	IPC-TM-650 2.5.17.1
Volume resistance	$\Omega \cdot \text{cm}$	1×10^{14}	
Dielectric constant (@1MHz)	-	3.2	IPC-TM-650 2.5.5.3
Dissipation Factor (@1MHz)	-	0.005	
Tensile strength	Mpa	188	IPC-TM-650 2.4.19
Elongation	%	71	
Moisture absorption	%	1.1	IPC-TM-650 2.6.2

Thank You!