

6641 F class DMD Date Sheet

No	Technical Specification		Unit	Values									
1	Thickness		mm	0.15	0.18	0.20	0.23	0.25	0.30	0.35	0.40	0.45	
2	Thickness tolerance		mm	± 0.02	± 0.025	± 0.03	± 0.03	± 0.03	± 0.03	± 0.035	± 0.040	± 0.045	
3	Nominal Grammage and Tolerance		g/	140 \pm 20	190 \pm 8	220 \pm 33	260 \pm 39	300 \pm 45	350 \pm 52	425 \pm 63	500 \pm 75	560 \pm 84	
4	Thickness of polyester film		mm	0.05	0.075	0.10	0.125	0.15	0.19	0.25	0.30	0.35	
5	Tensile Strength	MD	No Bending	N/10 mm	≥ 80	≥ 120	≥ 140	≥ 180	≥ 190	≥ 270	≥ 320	≥ 340	≥ 370
			After Bending		≥ 80	≥ 105	≥ 120	≥ 150	≥ 170	≥ 200	≥ 300	≥ 320	≥ 350
		TD	No Bending		≥ 80	≥ 105	≥ 120	≥ 150	≥ 170	≥ 200	≥ 300	≥ 320	≥ 350
			After Bending		≥ 70	≥ 90	≥ 100	≥ 120	≥ 130	≥ 150	≥ 200	≥ 220	≥ 250
6	Elongation	MD	No Bending	%	≥ 15								
			After Bending		≥ 10			≥ 5		≥ 3			
		TD	No Bending		≥ 20								
			After Bending		≥ 10			≥ 5		≥ 2			
7	Breakdown voltage		KV	≥ 6	≥ 7	≥ 9	≥ 10	≥ 12	≥ 15	≥ 18	≥ 20	≥ 22	
8	Bond strength at 25 degree C			No delamination									
9	Bond strength at(180 \pm 2) °C, 10 min			No delamination ,no blister,no adhesive flow									
10	Long-term Heat Resistance (TI)		°C	155									