

6641 DMD-F



Non-woven Fabric/ Polyester Film/Non-woven Fabric (3 layers)



Composition:

6641 DMD-F consists of 6020 transparent polyester film or 6021 milky polyester film , covered on both sides with 7031 electrical polyester non-woven fabric. The adhesive is acid-free and heat-resistant.

Properties:

6641 DMD-F shows excellent mechanical strength and electric insulating properties . Heat resistance is class F(155℃).

Application:

It can be used as slots, gaskets and phase insulation for low voltage motors,electrical tools and electrical equipment.

Storage:

6641 DMD-F can be stored indefinitely at (20℃ , 50% r. h.)

Availability:

Rolls: non-trimmed width is 1005mm/ trimmed width is 990mm

Sheets: from 990mm to 1000mm at any size

Tapes: from 5mm to 990mm

Roll diameter: about 300mm width

Core size: standard 76mm.



E345386



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Non-woven Fabric/ Polyester Film/Non-woven Fabric (3 layers)

Technical Data

Specification	Unit	Value				
Item		6641 DMD-F				
Thickness	mm	0.13	0.15	0.18	0.20	0.23
ThicknessTolerance	mm	±0.02	±0.02	±0.02	±0.02	±0.02
Norminal Grammage and Tolerance	g/m2	134±13	154±15	188±19	223±22	258±26
Thickness of polyester film	mm	0.036	0.05	0.075	0.10	0.125
Tensile Strength						
MD	N/10mm	≥60	≥90	≥120	≥160	≥200
TD	N/10mm	≥40	≥80	≥105	≥120	≥150
Elongation						
MD	%	≥15				
TD		≥20				
Breakdown Voltage Unfolded	KV	≥5	≥6	≥7	≥9	≥10
Cohesiveness (normal condition)		No delamination				
Cohesiveness (180±2°C 10min)		No delamination, No blister, No adhesive flow				
Thermal rating class		F				
Color		blue				

The above data is based on IEC60216 and G/BT5591, and it can be compiled the minum value of properties combine with the reality of our company.



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Non-woven Fabric/ Polyester Film/Non-woven Fabric (3 layers)

Technical Data

Specification	Unit	Value				
Item	6641 DMD-F					
Thickness	mm	0.25	0.30	0.35	0.40	0.45
Thickness Tolerance	mm	±0.03	±0.03	±0.035	±0.04	±0.045
Norminal grammage and Tolerance	g/m ²	293±29	346±35	432±43	501±50	571±57
Thickness of polyester film	mm	0.15	0.188	0.25	0.30	0.35
Tensile Strength						
MD	N/10mm	≥230	≥290	≥350	≥370	≥400
TD	N/10mm	≥170	≥250	≥300	≥320	≥350
Elongation						
MD	%	≥15	≥5		≥3	
TD		≥20	≥5		≥2	
Breakdown Voltage Unfolded	KV	≥12	≥15	≥18	≥20	≥23
Cohesiveness (normal condition)	No delamination					
Cohesiveness (180±2°C 10min)	No delamination, No blister, No adhesive flow					
Thermal rating class	F					
Color	blue					

The above data is based on IEC60216 and G/BT5591, and it can be compiled the minum value of properties combine with the reality of our company.



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