

## Flexible laminates for electrical insulation

### (6641 DMD)

Name: 6641 DMD Flexible Laminate

#### Property

6641 DMD Dacron/Mylar/Dacron flexible laminate consists of two layers of high density polyester Dacron and a single layer of Mylar in the center

- ◇ Dacron: Polyester non-woven fabric

#### Characteristics

- ◇ Insulation class: F class (155°C)
- ◇ Excellent electric insulating properties, heat resistance, mechanical strength, high tensile strength and impregnated properties, enables easy processing on automatic machines.

#### Applications

- ◇ Slot, interphase and liner insulation for Y2 and other F-grade motors and electric appliances
- ◇ Slot closures or covers, overhang, interphase
- ◇ Layer insulation for motors and Dry-type transformers

#### Typical Physical Properties

Items	Units	Typical Values						
Normal Thickness	um	150	180	200	250	300	350	400
Thickness Tolerance	um	±20	±25	±30			±35	±40
Breakdown Voltage (No Bending) ≥	KV	6	7	9	12	15	18	20
Bond Strength At Room Temp	-----	No delamination						
Bond Strength 180(±2)°C/10min	----- -	No delamination, No blister, No adhesive flow						
Width	mm	1000						
Color		Pink, Blue, White						

#### Transportation and storage condition

- ◇ Packed in carton after sealed by plastic film
- ◇ Keep in dry environment at room temperature, keep from fire and humidity
- ◇ Shelf life 12 months