

VPI Mica Tape



Dexlu Item No.: D050201A D050201B D050201C D050201D

Properties

VPI Mica tape is a kind of dry Micapaper tape, supported by Glass cloth, PET film or polyimide film and impregnated with high-property resin, compatible with epoxy system and unsaturated polyester system, it shows excellent electrical, mechanical properties, good integrity with long-operating life after coils wrapped and VPI treatment, widely used for VPI insulation in F-class DC and traction machines.

D050201A: Glass cloth/Mica; **D050201B:** PET(polyester, Mylar) film/Mica; **D050201C:** PET(polyester, Mylar) film/Mica/Glass cloth; **D050201D:** Polyimide(Kapton) film/ Mica.

Data Form

Item	Unit	Value			
		D050201A	D050201B	D050201C	D050201D
Normal thickness	mm	0.14±0.02	0.14±0.02	0.14±0.02	0.10±0.02
Mica content	g/m ²	160±13	160±13	140±13	110±10
Glass cloth content	g/m ²	25±5	-	22±3	-
PET content	g/m ²	-	42±5	18±2	-
Polyimide Content	g/m ²	-	-	-	43±5
Resin content	%	9±4	<8	9±4	5±3
Volatile content	%	<1.0	<1.0	<1.5	<1.0
Tensile strength	N/10mm	>80	>40	>80	>35
Breakdown Voltage	KV/layer	1.5	6	3	5.5
Total weight	g/m ²	210±10	220±20	200±15	155±10
Thermo Class	-	F	F	F	H C
Storage(5-20C)	Month	Six monthes			

Application Notice

1. When wrap, the ideal speed is 120~150r/min.
2. When baking, original condition is 80~90°C/2h.
3. After been impregnated 110°C for 2~3h, then rise to fixed temperature at 10°C an hour. Advisable temperature: 150~170°C/10~20h.

Specification

Min Qty: 200kg each size in a lot

Note: The values noted in above technical specification are given only for our customers' reference and should not be used in writing specifications.