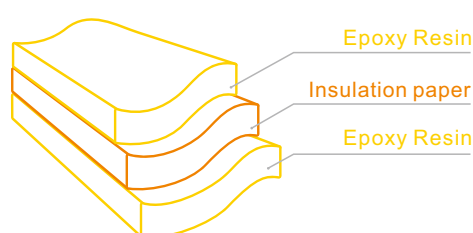


Diamond Pattern Resin Coated Paper(DDP)

Product No.:MAL07

MAL0780/MAL07130/MAL07180/MAL07200/MAL07250

Diamond Dotted Insulation Paper (DDP) is made of electrical insulation paper with diamond-shaped epoxy resin dotted on both sides. The epoxy resin used in D.D.P. contains a kind of incubative hardener material, it is a dry and crisp material at normal temperature (below 35°C)



Characteristic

Property Name		General Table of Properties				
Thickness of Base Paper(μm)		80	130	180	200	250
Thickness Tolerance(%)		5	7		10	
Density of Base Paper (g/cm ³)		0.85-1.1				
Ash content < (%)		1.0				
PH of Aqueous Extract		6.5-8.5				
One side Adhesive Thickness(μm)		6-12				
Tensile Strength (N/10mm)	MD	60	110	160	180	230
	MCD	30	50	70	80	100
Moisture(%)		4.0-8.0				
Bond Strength(Kpa) ≥		400				
Elongation (%)	MD	2.0				
	MCD	4.0				
Breakdown Voltage(Kv)	In Air	0.88	1.37	2.00	2.10	2.25
	In Oil	4.40	7.00	9.00	9.80	11.50
Cure Temperature And Time		Low temp. 90±5°C≥3h, then high temp. 120±5°C≥6h				

Storage Condition

- Storage temp. ≤35°C
- Stored in dry, clean and ventilated condition.
- Away from the fire, high temperature and direct sunshine.

Application

- Good dielectric properties and mechanical properties after being heat-solidification. As interturn insulation for coils of oil-immersed transformers interlayer insulation of distribution transformers.

Packing and Storage

- Min. slitting width: 6mm
- Core ID: 3" / 6"
- Storage: Keep in room temperature. Remove package before use. Unused parts are wrapped in original packaging to avoid moisture absorption. It is recommended to be used up in 6 months.

