



Epiform F-335M

TECHNICAL INFORMATION

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Epiform F-335M is an insulating epoxy resin powder, which is designed for insulating motors and other goods. It is applicable to Electrical Static Splay Coating, Fluidize Bed Coating and Hot Spray Coating, especially Electrical Fluidize Bed Coating.

1. Features

- Good heat resistance
- Good adhesive strength
- High edge coverage
- Fast curing
- Good electrical resistance
- Good Shelf Life

2. Powder Properties

Item	Value	Test Method
Appearance	Green	Visual Inspection
Gel Time (200°C)	13 sec	JIS C 2161
Flow Rate (200°C)	3.7 %	Horizontal Flow
Bulk Density	0.85 g/cm ³	Tapping Method
Average of Particle Size	60 μ m	Laser Diffraction Method
Particle Size		
150 μ m on	≤ 3 %	JIS C 2161 (Sieve)
106 μ m on	≤ 8 %	
75 μ m pass	26 %	

3. Cured Properties

Item	Value	Test Method
Appearance	Green	Visual Inspection
Barcol Hardness(type935)	90	JIS K6911
Impact Strength (DuPont)	500mm	JIS C2161 6.35φ mm × 500g
Volume Resistivity	2.0 × 10 ¹⁶ Ω · cm	JIS C2161
Dielectric Breakdown Voltage	18kV/0.5mm	JIS C2161
Glass Transition Temperature	130°C	JIS K7121(DSC)
Cut-Through Resistance	412°C	JIS C2161 Temp.Rise 3°C/min
Shear Strength	31MPa	JIS K6850
Edge Cover Rate	50~60 %	JIS C2161

Curing condition of the samples above : 200°C × 20min.

Figures described in this technical information are not guaranteed. These figures are subject to change without notice. Please contact us for further information.