

## PRODUCT

# POLYIMIDE FILM (KAPTON®)



# Data Sheet 9

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### Product Description

Polyimide Film provides excellent electrical, mechanical and physical properties over a wide range of applications and operating temperatures. This product is used extensively in DC machines.

### Specification

To Customers Requirement.

### Typical Application

- DC Motors/Generators
- Traction Motors
- Aerospace Motors
- Submersible Pump Motors

### Heat Class:

220°C

### Insulation Options

120FN616  
150FN919  
150FN019  
200FN919  
250FN029  
100HN (Non Fused)  
CR (Corona Resistant)

### Build Criteria

Subject to insulation and covering options.

### Covering Options

Quarter Lap  
Half Lap  
Two Third Lap  
Three Quarter Lap  
Two Half Laps wound in opposite directions  
Combinations

### Varnish / Resin

Polymide Film with Polyester Glass or Fibre Glass only.

### Test Criteria

Mechanical Properties  
Electrical Properties  
Thermal Properties

All tests conducted in accordance with the relevant Australian International Standards or customer specifications.



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