

Class 220 Polyester (Amide)(Imide) Overcoated with Polyamideimide, Film-Insulated Rectangular Aluminum Wire

Table 1 Specifications

Insulation materials	The conductor shall be coated with a dual film. The underlying coating is based on polyester (amide)(imide) resins. The superimposed coating is based on polyamideimide resins.
Thermal Class	220
Diameter	heavy: width: min:0.064mm;max:0.114mm. thickness: min: 0.076mm;max:0.127mm quad: width: min:0.102mm;max: 0.152mm thickness: min: 0.127mm;max:0.178mm
Certificate	MW-36A

Table 2 Properties

Adherence And Flexibility	No cracks visible in the film coating
Heat Shock	No cracks visible in the film coating after 10% elongation followed by conditioning at 240°C
Dielectric Breakdown	Applicable to Heavy film-insulated sizes having a thickness of less than 1.25 mm or a width greater than 12.5 mm, or a width-to- thickness ratio greater than 5:1, and all Quad.

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