

Class 220 Polyester (Amide)(Imide) Overcoated with Polyamideimide Film-Insulated Round 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	Single:14-28 AWG min: 0.02mm-0.041mm max:0.356mm-1.692mm	Heavy: 8-24AWG min: 0.041mm-0.081mm max: 0.373mm-1.732mm
Certificate	MW-33A	

Table 2 Properties

Elongation	Not less than 12%
Heat Shock	No cracks visible in the film coating after conditioning at 240°C
Dielectric Breakdown	4-7.5 AWG: not less than 3500V 8-23.5 AWG: not less than 2470V 10-28 AWG: not less than the 1100v
Adherence And Flexibility	No cracks visible in the film coating



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