

Class 120 Polyvinyl Acetal Film Insulated Round Aluminum Magnet Wire

Wire

Table 1 Specifications

Insulation materials	The coating is based on a blend of polyvinyl acetal and phenolic resins.
Thermal Class	120
Diameter	single:14-24AWG minimum increase: 0.025mm-0.041mm maximum overall: 0.551mm-1.692mm heavy: 4-24AWG minimum increase: 0.048mm-0.094mm maximum overall: 0.577mm-5.329mm
Certificate	MW-86A

Table 2 Properties

Elongation	Not less than 5%
Heat Shock	No cracks visible in the film coating after conditioning at 175°C
Dielectric Breakdown	4-7 AWG: not less than 3500V 8-24 AWG: not less than 2440V

Periodic Conformance Tests

Thermoplastic Flow	Median not less than 180°C
Dielectric Breakdown At Rated Temperature	No cracks visible in the film coating after conditioning at 175°C
Transformer Oil Resistance	18 AWG Heavy film insulated wire shall not average less than 5700 volts

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