

# Class 200 Polyester (Amide)(Imide) Overcoated with Polyamideimide Film-Insulated Round Copper 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	200
Diameter	single: 14-44 AWG min: 0.005mm-0.041mm; max:0.061mm-1.692mm heavy: 2-44 AWG min: 0.010mm-0.097mm; max: 0.066mm-6.690mm triple: 14-44 AWG min: 0.015mm-0.122mm; max: 0.074mm-1.773mm quad: 10-30 AWG min: 0.066mm-0.172mm; max: 0.351mm-2.789mm
Certificate	MW-35C

Table 2 Properties

Elongation	Not less than 10%
Heat Shock	No cracks visible in the film coating after conditioning at 220°C
Dielectric Breakdown	4-9.5 AWG: not less than 1870V 10-23.5 AWG: not less than 2470V 24-37 AWG: not less than 1220V 38-44 AWG: not less than 275V
Springback	14-30 AWG: not greater than 42° 2-13.5 AWG: not greater than 5°

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