



Class 200 Polyester Overcoated with Polyamideimide Film-Insulated Round Copper Magnet Wire for Hermetic Applications

Table1 Specifications

Insulation materials	Polyester Overcoated with Polyamideimide; Polyester (Imide) Overcoated with Polyamideimide; Polyester (Amide) Overcoated with Polyamideimide
Dimensions	Heavy 14-30 AWG in accordance with 0.307mm-1.732mm and Quad 14-30 AWG in accordance with 0.351mm-1.814mm
Insulation thickness	Heavy and Quad
Thermal Class	200



Table 2 Properties

Adherence and flexibility	No cracks visible in the film coating
Elongation	Not less than the value in 5-28
Heat shock	No cracks visible in the film coating after conditioning at 220°C
Springback	Not greater than the value in Heavy 42-66; Quad 46-70





Table 3 Periodic conformance tests

Thermoplastic flow	Median not less than 300°C
Solubility	Specimens immersed in xylene and 50/50 xylene/butyl Cellosolve shall not soften sufficiently to expose the bare conductor
Dielectric breakdown at rated temperature	Average not less than 75% of the value required at room temperature
Refrigerant R22 extraction	14-24 AWG: not greater than 0.25% of weight of film insulation
Dielectric breakdown after R22 conditioners	14-24 AWG: average not less than the value in Heavy 4380-5690; Quad 7620-9900
Continuity	Max number of discontinuities in accordance with Heavy 500-1500; Quad 1000-2500
Thermoplastic flow	Median not less than 300°C



lp-industry

WhatsApp 商业帐号



郑州蓝普实业有限公司

Zhengzhou LP Industry CO., LTD.

Phone: 0086-19337889070

Web: <https://lpwindingwire.com>

Email: office@cnlpzz.com

Add: NO. 86 Jingsan Road, Jinshui District, Zhengzhou, China