

Class 120 Polyvinyl Acetal Film Insulated Round Copper Magnet Wire

Table 1 Specifications

Insulation materials	The coating is based on a blend of polyvinyl acetal and phenolic resins.
Thermal Class	120
Diameter	<p>single:14-56AWG</p> <p>minimum increase: 0.0013mm-0.041mm</p> <p>maximum overall: 0.0165mm-1.692mm</p> <p>heavy: 4-50AWG</p> <p>minimum increase: 0.0051mm-0.094mm</p> <p>maximum overall: 0.0356mm-5.329mm</p> <p>triple: 14-30 AWG</p> <p>minimum increase: 0.015mm-0.069mm</p> <p>maximum overall: 0.074mm-0.538mm</p>
Certificate	MW-86C

Table 2 Properties

Elongation	Not less than 5%
Heat Shock	No cracks visible in the film coating after conditioning at 175°C
Dielectric Breakdown	<p>4-9.5 AWG: not less than 1870V; 10-23.5 AWG: not less than 2470V</p> <p>24-37 AWG: not less than 1220V; 38-56 AWG: not less than 80V</p>
Springback	<p>14-30 AWG: Not greater than 42°</p> <p>4-13 AWG: Not greater than 5°</p>

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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