

## Class 240 Polyimide Flat Copper Magnet Wire

Table1 Specifications

Insulation materials	Polyimide
Thermal Class	240
Bare Wire Dimensions	Thickness: 0.8mm-5.6mm Width:2mm-16mmG
Standard	MW 20-C

Table 2 Properties

Adherence and flexibility	No cracks visible in the film coating
Elongation	MW Specification:18, 20, 36, 38, 64, 84 T ≥ 0.049: 32 T < 0.049:30
Heat shock	No cracks in the film coating after 15% elongation followed by conditioning at 280°C ±3°C
Springback	Not greater than 5°
Dielectric breakdown	500V - 1500V
Dissipation Factor	Not greater than 0.60%

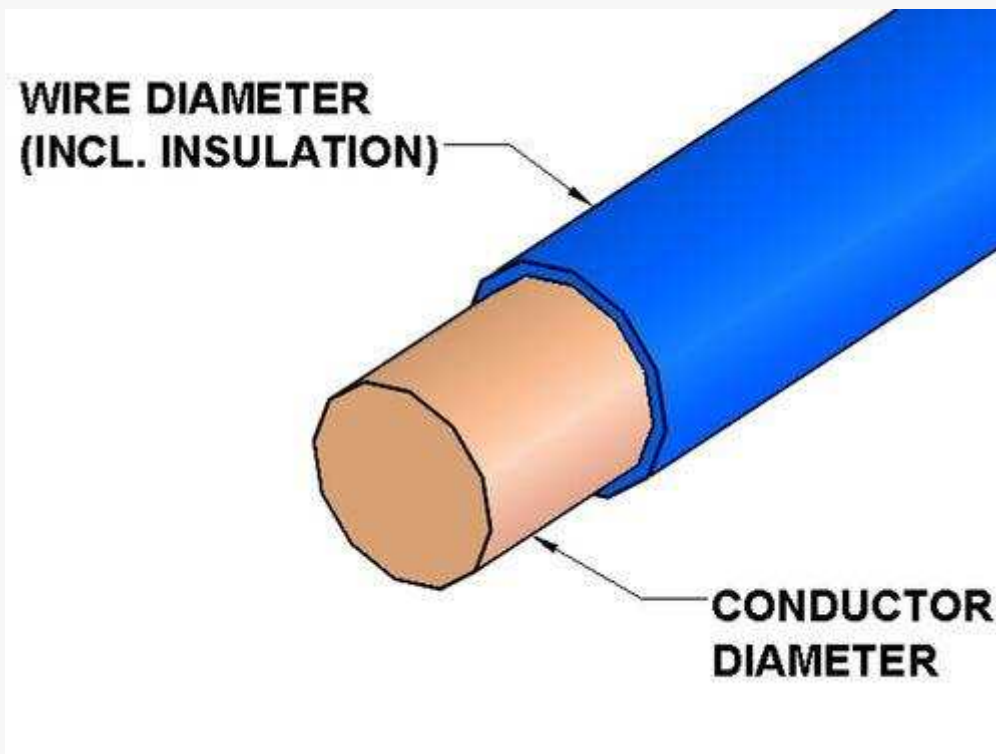
### What is Class 240 Polyimide Flat Copper Magnet Wire?

Class 240 Polyimide Flat Copper Magnet Wire is a high-performance magnet wire designed for applications requiring exceptional thermal endurance and durability. With a thermal class rating of 240° C, this wire features a polyimide insulation, providing excellent heat resistance, chemical stability, and mechanical strength.

**Table 3 Periodic conformance tests**

Solubility	Specimens immersed in xylene and 50/50 xylene/butyl Cellosolve shall not soften sufficiently to expose the bare conductor
Dielectric breakdown rated temperature	Average not less than 75% of the value required at room temperature
Thermoplastic flow	Median not less than 450°C, when tested on <a href="#">MW 16-C</a>  Heavy build

**Structure**



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