

AIW 聚醯胺亞胺酯漆包銅線

Amide-Imide Enamelled Copper Wire

耐溫等級：220°C

Thermal Rating: 220°C



● 本公司經UL認可合格登錄：TYFAI-R220。

絕緣說明：

● AIW其絕緣層為Aromatic Polyamideimide樹脂，AI具有極佳之耐溫、耐機械及耐化學藥品特性，被用以設計來抵抗嚴苛之使用環境。

特性：

- (a) 良好耐化學藥品特性，能與大部份的溶劑、含浸凡立水相容。
- (b) 極佳之耐磨特性，適用於嚴格之繞線成形過程。
- (c) 具有卓越的密著性、耐熱特性。

應用範圍：

● 汽車用線圈、手工具機馬達、馬達、乾式變壓器、高負荷馬達、冷凍線圈。

● UL Recognition: TYFAI-R220.

Insulation Description

● AIW is a film insulation composed of Aromatic Polyamideimide, provides excellent thermal stability, abrasion, chemical resistance and overloaded protection.

Features and Benefits

- (a) Excellent resistance to chemical and solvent. Compatible with most solvent and impregnation compounds.
- (b) Exceptional film abrasion resisting winding damage.
- (c) Excellent adhesion resistance and thermal overloaded protection.

Typical Application

● Coils, Tool motors, Motors, Dry-type transformers, Hermetic and fractional and integral HP motors.

適用規範：

皮膜構造	供應線徑		適用範圍			
	公制(mm)	AWG	NEMA	IEC	JIS	CNS
2 Single	1.0~0.04	18~46	MW81-C	317-26	-	-
1 Heavy	3.6~0.10	7~38	MW81-C	317-26	-	-
0 Triple	3.6~0.10	7~38	MW81-C	317-26	-	-

Applicable Specifications:

Available Builds	Available Size		Applicable Specifications			
	Metric(mm)	AWG	NEMA	IEC	JIS	CNS
2 Single	1.0~0.04	18~46	MW81-C	317-26	-	-
1 Heavy	3.6~0.10	7~38	MW81-C	317-26	-	-
0 Triple	3.6~0.10	7~38	MW81-C	317-26	-	-