

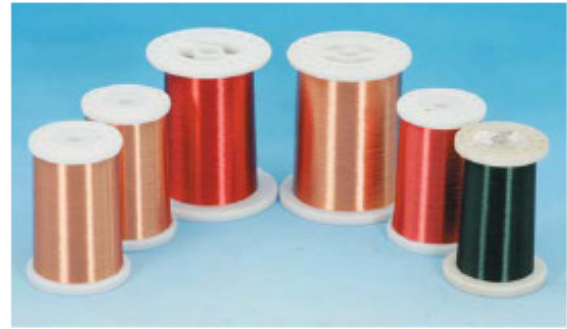
# UEW

## 聚胺酯漆包銅線

### Polyurethane Enamelled Copper Wire

耐溫等級：130°C/155°C/180°C

Thermal Rating:130°C/155°C/180°C



- 本產品經UL認可合格登錄，有耐溫等級130°C的 TYP-130 / TYA1-130及耐溫等級155°C的 TYA1-U155，耐溫等級180°C的TYFU-H180。

#### 絕緣說明：

- UEW其絕緣層-聚胺基甲酸樹脂為Polyisocyanate & Polyol 之組成，在360°C~400°C具有良好直接焊錫性，廣泛應用於線圈及馬達繞組。

#### 特性：

- (a)具有良好性直焊性，繞線加工過程中，可免剝除皮膜之動作，有效提高工作效率。
- (b)在高頻下，具有良好”Q”值特性。
- (c)具有良好密著性及捲繞性。
- (d)對一般含浸凡立水所使用之溶劑及硬化劑，具有良好耐溶劑特性，可填加染料，便利識別。

#### 應用範圍：

- 高頻線圈及變壓器、繼電器、磁化線圈、螺形線圈、小型馬達、點火線圈。

- UL Recognized Class 130°C Product TYP-130 / TYA1-130.
- UL Recognized Class 155°C Product TYA1-U155, and 180°C Product TYFU-H180.

#### Insulation Description

- UEW is a film insulation composed of Polyisocyanate & Polyol. It's widely used in coils and motor windings.

#### Features and Benefits

- (a)With good solderability, reduces coil production costs due to elimination of mechanical or chemical stripping.
- (b)Superior "Q" characteristics at high frequencies.
- (c)Excellent film adhesion and flexibility.
- (d)Extremely resistant to a variety of solvents including most varnishes and hardener catalysts.

#### Typical Applications

- High frequency coils and transformers Relays, Solenoids coil, Small motors, Ignition coils.

#### 適用規範：(供應線徑範圍)

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	14~46	MW 75-C	317-4	C3202.6	2185
			MW 82-C	317-	-	-
1 Heavy	3.6~0.10	7~38	MW 75-C	317-4	C3202.6	2185
			MW 82-C	317-2	-	-
0 Triple	3.6~0.10	7~38	MW 75-C	317-4	C3202.6	2185
			MW 82-C	317-2	-	-

#### Applicable Specifications:

Available Builds	Available Size		Applicable Specifications			
	Metric(mm)	AWG	NEMA	IEC	JIS	CNS
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