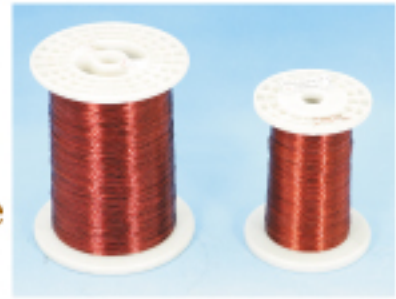


# FEAI

## 醞胺亞胺外被聚酯漆包銅線

### Amide-Imide Overcoated Polyester Enameled Wire

耐溫等級：165°C  
Thermal Rating:165°C



#### 絕緣說明：

- FEAI為雙層絕緣，其底層為Polyester外被自滑性Polyamideimide，此種組合將PEW耐磨特性提昇以獲得最佳特性，因外被為自滑性AI兼具Nylon被覆之極佳繞線性外，更有優於PEW+NY線種之耐溫及機械特性。

#### 特性：

- (a)線材表面光滑，入線阻力極低，容易操作，線圈容積小而結實。
- (b)耐溫165°C耐磨性絕佳，繞線不易破皮，特性遠優於一般155°C之PEW。
- (c)具有極佳之繞線性，適合於高速捲繞或自動繞線。
- (d)較PEW+NY具有較佳之耐熱性及耐化學藥品性。

#### 應用範圍：

- 馬達及線圈、繼電器、乾式變壓器、手工工具電樞、密封式線圈。

#### 使用注意事項：

- (1)皮膜抗化學藥品性強，以化學藥劑剝除皮膜極為耗時。
- (2)建議以機械方式去除皮膜。

#### Insulation Description

- FEAI is a dual film insulation composed of modified polyester resins with "self-lubricated" Polyamideimide overcoat. It is designed for improved abrasion resistance. FEAI's low coefficient of friction aid wire insertion, tough abrasion-resistant surface which withstands automated winding operations.

#### Features and Benefits

- (a)Superior low friction surface provides for significant increase in slot fill
- (b)Superior abrasion-resistance which withstands automated winding operation
- (c)Improved cut-through, chemical resistance and overload protection in relation to PEW+NY

#### Typical Applications

- Motors and coils, Relays, Dry-type transformers, Tool armature, Hermetically sealed relays

#### Applicable Recautions

- FEAI is a nonsolderable film, therefore, the insulation must be mechanically stripped from the conductor in preparation for soldering. It is not recommended to use chemical stripping, since it takes longer time.

#### 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	1.6~0.4	14~26	—	—	—	—
1 Heavy	1.6~0.4	14~26	—	—	—	—

#### Applicable Specifications:

Available Builds	Available Size		Applicable Specifications			
	Metric(mm)	AWG	NEMA	IEC	JIS	CNS
2 Single	1.6~0.4	14~26	—	—	—	—
1 Heavy	1.6~0.4	14~26	—	—	—	—