

Polyimide Wire Enamel (PI)

聚醯亞胺漆包線漆

Product	Viscosity		Solid Content		Characteristics And Applications	Conductor Diameter	Film Thickness	Heat Shock		Cut Through	Breakdown Voltage	Flexibility		Tan δ	Thermal Index	UL File No. E173840
產品名稱	粘度		固體含量 (%)			特性及應用	裸線直徑	漆膜厚度	耐熱衝擊		軟化擊穿	擊穿電壓	柔韌性		介質損耗	耐熱指數
	Ford cup (#4)	Brookfield type	200°C × 2hr × 1.5g	180°C × 1hr × 1.0g	mm		μ m	x d	°C	°C	kV	%	x d	°C	°C	
ULNEV MPI 124	N/A	1900±500	24.0±1.5	25.0±2.0	耐熱衝擊、耐熱性、耐磨耗性佳；儲存性優於傳統PI Excellent heat shock, thermal resistance, abrasion resistance. Storability is better than traditional PI.	0.50	35	1	280	540	8.5	20	1	295	240	

※耐熱衝擊符合 NEMA 標準

※ The heat shock test conform to the standard of NEMA

Over Coating

外層批覆漆

Product	Viscosity		Solid Content		Characteristics And Applications	Tan θ (Dynamic type)	Tan θ (Static type)
產品名稱	粘度		固體含量 (%)			特性及應用	動滑性係數
	Ford cup (#4)	Brookfield type	120°C × 3hr × 1.2g	180°C × 1hr × 1.0g			
FOV S 8	57±10	100±30	8.0±1.0	8.0±1.0	尼龍-6,6 型，具優良的滑性及耐磨性（毛氈作業，眼模作業），可與 PE/EI/PU 同溫同爐作業。 Nylon-6,6 type varnish with self-lubricating, excellent coefficient of friction and abrasion resistance. Suitable for working under same oven temperature with PE/EI/PU.	0.08-0.10	0.03-0.05
FOV S 16	N/A	1800±300	16.0±1.0	16.0±1.0			
FOV Z 8LA	65±10	200±50	8.0±1.0	8.0±1.0	尼龍-6,6 型，具優良的滑性及耐磨性（毛氈作業，眼模作業），可與 PU 同溫同爐作業。 Nylon-6,6 type varnish with self-lubricating, excellent coefficient of friction and abrasion resistance. Suitable for working under same oven temperature with PU.	0.10-0.12	0.05-0.07
FOV Z 15LA	N/A	2000±500	15.0±1.0	15.0±1.0			

Lubricant

外部滑劑

Product	Viscosity	Solid Content	Characteristics And Applications	Tan θ (Dynamic type)	Tan θ (Static type)
產品名稱	粘度	固體含量 (%)		特性及應用	動滑性係數
	Brookfield type	120°C × 3hr × 1.2g			
FLK 332A	3±2	1.2±0.5	中細線用外部潤滑，滑性係數佳 Exterior lubricant for medium wire, excellent performance on the coefficient of friction.	0.05-0.08	0.04-0.07
FLK 550A	N/A	50.0±1.5	大線用固態滑劑，稀釋後使用 Solid-state lubricant for large wire, use after dilution.		
FLK 332K	3±2	1.0±0.5	外部潤滑，滑性係數、析出性佳 Exterior lubricant, excellent performance on the coefficient of friction.	0.07-0.10	0.06-0.09