

Polyester Wire Enamel (PE)

聚酯漆包線漆

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	UL 認證號碼 E173840
	Ford cup (#4) sec 25°C	Brookfield type mPa·s 30°C	200°C ×2hr×1.5g	180°C ×1hr×1.0g			mm	μm	x d	°C	°C	kV	%	x d	°C	°C	
TPE 3000-30	30±5	70±20	30.0±1.0	31.0±1.0	作業性、可撓性、針孔性佳 Excellent workability, flexibility and pinhole free.	0.30	39	5	175	310	8.6	20	1	135	155	V	
TPE 3000-35	75±10	170±40	35.0±1.0	36.0±1.0													
TPE 3000-35L	70±10	150±40	35.0±1.0	36.0±1.0	作業性、可撓性佳、可高速化作業 Excellent workability, flexibility. Also use for high speed machine.	0.30	33	5	175	311	8.7	20	1	136	155	V	
TPE 3000-35V	N/A	1200±200	35.0±1.0	36.0±1.0	大線使用，可撓性佳 Use for medium to large wire, excellent flexibility.	0.50	35	5	175	315	8.6	20	1	136	155	V	
LITON 3330J	45±10	100±20	30.0±1.0	31.0±1.0	毛氈作業範圍廣、針孔性佳；剝漆性佳 Excellent workability for felt application, pinhole free. Coating stripped by agent easily.	0.30	40	3	175	311	10.6	20	1	141	155	V	
LITON 3335SQ	185±30	550±140	35.0±1.0	36.0±1.0													
LITON 3337SQ	200±20	700±150	37.0±1.0	38.0±1.0	可撓性、作業範圍廣、針孔性與耐熱衝擊佳；剝漆性佳 Excellent flexibility, pinhole and heat shock, wide range of workability. Coating stripped by agent easily.	0.30	40	2	175	325	10.5	20	1	145	155	V	
LITON 3340SQ	N/A	1500±200	40.0±1.0	41.0±1.0													
LITON 3342S	N/A	2500±300	42.0±1.0	43.0±1.0	煨爐、立爐作業性佳、高濃度化；剝漆性佳 High solid content with excellent workability on both horizontal as well as vertical machines. Coating stripped by agent easily.	0.30	45	3	175	319	11.9	20	1	145	155	V	
FPE 9040H	375±35	1000±250	40.0±1.0	41.0±1.5	THEIC PE，高耐軟化溫度、作業性佳 THEIC PE, high cut-through temperature, excellent workability.	0.80	35	3	200	383	13.1	20	1	170	180	V	
FPE 9045H	N/A	2000±500	45.0±1.0	46.0±1.5		1.20	40	3	200	380	14.4	20	1	175	180	V	

※耐熱衝擊符合 NEMA 標準

※ The heat shock test conform to the standard of NEMA

PRIMER

打底用漆包線漆

Product	Viscosity		Solid Content			Characteristics And Applications	Conductor Diameter	Film Thickness	Flexibility		Flexibility	
產品名稱	粘度		固體含量 (%)				裸線直徑	漆膜厚度	拉斷露銅	皮膜鼓起	柔韌性	
	Ford cup (#4) sec 25°C	Brookfield type mPa·s 30°C	120°C ×3hr×1.2g	200°C ×2hr×1.5g	180°C ×1hr×1.0g						mm	μm
FPM A 30	N/A	1200±300	30.0±1.0	-----	26.0±1.0	密著性佳，鋁線或銅線打底用，芳香族尼龍（NMP 系），適用耐熱等級 220°C 級以下底漆。 Excellent adherence as primer for aluminum or copper (thermal index less than 220°C) , aromatic Nylon (NMP type) .	1.2 (外層 Over coat : FEI 9838HMA)	60	< 1	< 4	15	1
FPM B 27	N/A	1500±400	-----	27.0±1.0	28.0±1.5	密著性佳，鋁線或銅線打底用，聚醯胺醯亞胺（NMP 系），適用耐熱等級 200°C 級以上底漆。 Excellent adherence as primer for aluminum or copper (thermal index higher than 200°C) , polyamide-imide (NMP type) .	1.2 (外層 Over coat : FEI 9838HMA)	60	< 2	< 5	15	1
FPM B 30W	N/A	1600±400	-----	30.0±1.0	31.0±1.5	密著性佳（柔韌性），鋁線或銅線打底用，聚醯胺醯亞胺（NMP 系），適用耐熱等級 200°C 級以上底漆。 Excellent adherence (Flexibility) as primer for aluminum or copper (thermal index higher than 200°C) , polyamide-imide (NMP type) .	1.2 (外層 Over coat : NH AI 32P)	55	< 1	< 4	25	1