

# Anti-Surge Polyesterimide Wire Enamel (SR)

## 高耐熱性抗電暈塗料

Product	Viscosity		Solid Content		Characteristics And Applications	Conductor Diameter	Film Thickness	Heat Shock		Cut Through	Breakdown Voltage	Flexibility		Tanδ	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)	Brookfield type	200°C × 2hr × 1.5g	180°C × 1hr × 1.0g			mm	µm	x d	°C	°C	kV	%	x d	°C	°C	
PAO EIH 38ASA	N/A	1300±250	38.0±1.0	39.0±1.5	EI 系塗料，傳統爐及高速爐作業性佳、抗電暈特性佳 EI type enamel, suitable for high speed machine as well as traditional machine. Excellent workability and anti-surge time.	0.80	70	3	220	415	13.0	15	1	200	200	-----	
PAO AI 29ASD	N/A	2600±600	29.0 ± 1.0	30.0 ± 1.5	AI 系塗料，外層塗覆專用，傳統爐及高速爐作業性佳；底層使用 PE 或 PEI，外層使用本產品，可達到抗電暈特性 AI type enamel, use for top coating. Suitable for high speed machine as well as traditional machine. Great anti-surge time for coating PE or PEI in base-coat, and this series in top-coat.	1.20	90	2	240	440	15.0	20	3	275	220	-----	
PAO AI 29ASM	N/A	1800 ± 500	29.0 ± 1.0	30.0 ± 1.5	AI 系塗料，耐油水性佳，外層塗覆專用，傳統爐及高速爐作業性佳；底層使用 PE 或 PEI，外層使用本產品，可達到抗電暈特性 AI type enamel, Excellet oil and water resistant, suitable for high speed machine as well as traditional machine. Great anti-surge time for coating PE or PEI in base-coat, and this series in top-coat.	1.20	90	2	240	440	15.0	20	3	275	220	-----	
FPI 525AS	NA	4000±1000	25.0±1.5	26.0±1.5	PI 系塗料，耐油水性佳，外層塗覆專用，作業性佳，底層使用 AI 或 PI，外層使用本產品，可獲得抗電暈性 PI type enamel, Excellet oil and water resistant. Great anti-surge time for coating AI or PI in base-coat, and this series in top-coat.	0.80	79	1	280	512	9.1	10	1	300	240	-----	
PAO PI 21AS	NA	2500±500	21.0±1.5	22.0±1.5	PI 系塗料，外層塗覆專用，作業性佳，底層使用 AI 或 PI，外層使用本產品，可獲得抗電暈性 PI type enamel, special for outer layer coating, excellent workability, use PE or PEI for the base layer. Great anti-surge time.	0.80	45	1	280	550	8.5	20	1	267	240	-----	

※耐熱衝擊符合 NEMA 標準  
 ※ The heat shock test conform to the standard of NEMA