

Polyesterimide Wire Enamel (PEI)

聚酯亞胺漆包線漆

Product	Viscosity		Solid Content		Characteristics And Applications	Conductor Diameter	Film Thickness	Heat Shock		Cut Through	Breakdown Voltage	Flexibility		Solderability Temperature	Solderability Time	Peel Test	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		焊錫溫度	焊錫時間	剝離測試	介質損耗	耐熱指數
	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	sec	turn	°C
FEI 0530	28±5	60±20			30.0±1.0	31.0±1.5	作業性佳，高速爐使用、高介質損耗 Excellent workability for high speed machine, high Tanδ.	0.30	40	3	200	395	10.9	20	1	-----	-----	85	191
FEI 0535	55±10	120±30	35.0±1.0	36.0±1.5	0.30	40		3	200	399	10.7	20	1	-----	-----	87	201	200	V
FEI 0538	100±15	250±50	38.0±1.0	39.0±1.5	0.30	40		3	200	398	11.0	20	1	-----	-----	91	196	200	V
FEI 0540	170±30	400±50	40.0±1.0	41.0±1.5	0.50	40		3	200	401	12.1	20	1	-----	-----	90	198	200	V
FEI 0540HX	170±30	400±100	40.0±1.5	41.0±1.5	作業性、密著性、耐熱衝擊、耐冷媒性 Excellent workability, adhesion, heat shock and freon resistance.	0.80 (OVER COAT: NH AI 32P)	76	1	240	403	11.2	25	1	-----	-----	99	199	180 (EI)	V
FEI 0545HX	NA	2000±400	45.0±1.5	46.0±1.5															
FSEI 126	25 ± 5	55±10	26.0±1.0	27.0±1.5	耐熱衝擊、焊錫性佳、高耐熱可直焊 EI Good performance on heat shock, excellent solderability.	0.30	45	3	220	320	9.2	20	1	450	1.5	-----	195	180	V
FSEI 135	115 ± 15	300±100	35.0±1.0	36.0±1.5										450	1.7				
FEI 9838HMA	170±30	450±100	38.0±1.0	39.0±1.5	耐熱衝擊、捲繞性佳，傳統爐及高速爐使用 Good heat shock, excellent flexibility, can be used for both traditional and high speed machine.	0.80	70	3	220	385	13.0	20	1	-----	-----	130	203	200	V
FEI 9845HMT-2	N/A	2500±500	45.0±1.0	46.0±1.5	可撓性、拉斷露銅佳，色相深，適合立爐 Excellent adherence and flexibility. Dark color. Use for vertical machine.	1.60	90	3	220	410	17.5	20	1	-----	-----	130	206	200	V
NH 8635A	180±30	500±150	35.0±1.0	36.0±1.5	作業性、耐冷媒性佳，高耐軟化 Excellent workability and freon resistance. High cut through.	0.50	40	3	200	410	13.2	20	1	-----	-----	-----	205	200	V
NH 8642B	N/A	2000±500	42.0±1.0	43.0±1.5	作業性、耐冷媒性佳 Excellent workability and freon resistance.	1.20	70	3	200	400	11.4	20	1	-----	-----	115	205	200	V
PAO EIH 41M	N/A	4000±1000	41.0±1.0	42.0±1.0	扁平線、大圓線使用 It is suitable for rectangular wire. It can also be used for large round wire.	1.60	85	3	220	410	12.4	30	2	-----	-----	100	220	200	V
PAO EIH 38MQ	NA	1500±300	38.0±1.0	39.0±1.0	扁平線作業、密著性 For rectangular wire application, excellent adhesion.	1.60	83	3	220	403	10.7	30	2	-----	-----	105	185	200	V

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