

EVA

台塑烯乙稀-醋酸乙稀酯共聚物



台塑烯乙稀醋酸乙稀酯共聚物 (EVA) 採用Enichem 高壓製程技術生產，此製程包含管式法及槽式法。目前台塑烯EVA能提供VA含量最高達33%的多樣應用品別，來滿足客戶多樣變化需求。

台塑烯EVA具優異加工特性、光學性質、低溫熱封性、耐化學性、交鏈發泡性，使台塑烯EVA能廣泛應用於溫室棚膜、積層包裝膜、農業用膜、一般包裝膜、押出及射出及鞋材發泡、熱熔膠等產品應用。

台塑烯EVA所有品別均符合美國 FDA 21-177-1350 規範以及歐盟限制危害物質限令(RoHS)。

TAISOX® Ethylene Vinyl Acetate Copolymer

TAISOX® Ethylene Vinyl Acetate Copolymer (EVA) resin is produced via high pressure process technology from Enichem, Italy. It has two processes including tubular process and autoclave process. TAISOX® EVA now produces various EVA copolymers grades with vinyl acetate(VA) content up to 33% to satisfy diverse demands of customers.

TAISOX® EVA has excellent processability, transparency, low temperature sealing, chemical resistant, and crosslinking foaming. It can be used for many applications such as greenhouse film, laminate film, agricultural film, packaging film, extrusion, injection molding and expanded foam (shoes, soles), hot melt applications etc.

All EVA products comply with U.S. FDA 21-177-1350, RoHS.



乙稀-醋酸乙稀酯共聚物(EVA)

品別 Grade	基本物性 Basic Properties	熔融指數 Melt Index MI _{2,16}	密度 Density	VA 含量 Vinyl Acetate content	拉力降伏強度 Tensile strength at yield	拉力斷裂強度 Tensile strength at break	斷裂伸長率 Elongation at break	硬度 Hardness
	單位 Unit	g/10min	g/cm ³	%	Kg/cm ²	%	%	Shore A / D
	測試方法 Method	ASTM D1238	ASTM D1505	FPC Method	ASTM D638	ASTM D638	ASTM D638	ASTM D2240
薄膜級 Film	7130F	0.9	0.930	9	60	180	650	95 / 45
	7140F	0.7	0.934	14	70	200	750	92 / 40
	7350F	1.8	0.938	18	45	150	800	88 / 38
射出級 & 發泡級 Injection & Foaming	7240M	1.5	0.935	15	55	150	700	92 / 42
	7310M	2.5	0.928	6	80	150	700	98 / 47
	7320M	4.0	0.930	9	60	140	700	96 / 46
	7340M	2.5	0.934	14	80	140	700	96 / 45
	7350M	2.5	0.938	18	45	150	800	88 / 38
	7360M	2.0	0.941	21	40	180	800	86 / 36
	7470M	6.0	0.948	26	30	140	800	82 / 32
7660M	20	0.940	20	30	110	800	83 / 32	
粉末塗覆級 Powder coating	7920M	80	0.930	8	15	80	600	96 / 45
熱熔膠級 Hot melt	7A50H	150	0.934	19	—	70	700	73 / 23
	7B50H	400	0.933	19	—	40	660	72 / 22
	7A60H	150	0.938	28	—	40	800	67 / 16
	7B60H	400	0.942	28	—	20	750	68 / 18

以上數據為測試平均值，僅提供參考。Data shown are average values and should not be examined for specifications.

熔點 Melting point	結晶點 Freezing point	軟化溫度-維氏法 Softening point Softening point Vicat	軟化溫度-環&球 Softening point Ring-and-Ball	落球衝擊強度 Dart drop test	用途 Application
℃	℃	℃	℃	g	
DSC	DSC	ASTM D1525	ASTM E28	ASTM D1709	
93	—	—	—	550	溫室膜 農業膜 醫藥用途 Greenhouse film. Agricultural film. Sanitary applications
90	—	—	—	620	溫室膜 農業膜 醫藥用途 Greenhouse film. Agricultural film. Sanitary applications
84	—	—	—	650	發泡鞋材 醫藥用途 吸震材料 PEVA膠布 Greenhouse film. Sanitary applications. Gaskets. PEVA sheeting.
87	—	—	—	—	發泡鞋材 交聯發泡板 X-linked Foam -Sandals, Slipper.
102	—	—	—	—	可撓性物件 交聯發泡板 Flexible items. X-linked Foam
96	—	—	—	—	可撓性物件 交聯發泡板 Flexible items. X-linked Foam
90	—	—	—	—	可撓性物件 交聯發泡板 Flexible items. X-linked Foam
84	—	—	—	—	發泡鞋材 吸震材料 PEVA膠布 X-linked Foam-shoes, Mid-sole. Gaskets. PEVA sheeting.
80	—	—	—	—	發泡鞋材 吸震材料 板材保護膜 X-linked Foam-shoes, Mid-sole. Gaskets. Protecting film.
76	—	—	—	—	交聯發泡板 吸震材料 混膠色母料 押出建材 X-linked Foam. Gaskets. Blend polymer. Build materials Wallpaper.
83	—	—	—	—	射出品 積層押出 交聯發泡板 熱熔膠 Injection. Lamination Extrusion-coating X-linked Foam. Hot melt.
96	—	—	—	—	不織布纖維之粉末壓燙貼合 熱熔膠 Powder coating for non-woven & fabrics. Hot melt.
82	62	43	92	—	
77	55	39	91	—	
71	50	33	81	—	書籍裝訂膠 自動包裝膠 合板膠 熱熔膠 packaging bookbinding woodworking various assemblies
77	55	34	82	—	

台灣塑膠工業股份有限公司 聚烯事業部 Formosa Plastics Corporation, Polyolefin Division