

EVA 乙烯 - 醋酸乙烯酯共聚物



乙烯 - 醋酸乙烯酯共聚物 (EVA)

台塑烯乙烯醋酸乙烯酯共聚物（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、交聯發泡性，使台塑烯 EVA 能適用於各種產品應用。

品別 7470K 是特別為電線電纜開發的原料，具有良好的加工性和成品物性。

台塑烯 EVA 所有品別均符合美國 FDA 21 CFR 177.1520 規範以及歐盟限制危害物質限令 (RoHS)、高度關注物質清單 (SVHC)、食品包裝容器規定 (EU,NO10/2011)、玩具製品重金屬含量規定 (EN71)。

TAISOX® Ethylene Vinyl Acetate Copolymer



TAISOX® Ethylene Vinyl Acetate Copolymer (EVA) resin is produced via high pressure process technology from Enichem, Italy. It includes Tubular process and Autoclave process.

TAISOX® EVA has 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 resistance, and crosslinking foaming ability. It can be used for many applications.

And grade 7470K is specially designed for wire and cable applications of LSFH, with good processability and physical properties.

All EVA products comply with US 21 CFR177.1520, RoHS, REACH SVHC, EU NO10/2011 ,EN71.



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	熔點 Melting point	結晶點 Freezing point	軟化溫度 - 維氏法 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
	單位 Unit	g/10min	g/cm ³	%	Kg/cm ²	Kg/cm ²	%	Shore A / D	℃	℃	℃	℃	g	
	測試方法 Method	ASTM D1238	ASTMD1505	FPC Method	ASTM D638	ASTM D638	ASTM D638	ASTM D2240	DSC	DSC	ASTM D1525	ASTM E28	ASTM D1709	
薄膜級 Film	7130F	0.9	0.930	9	60	180	650	95 / 45	93	—	—	—	—	溫室膜、農業膜 greenhouse film, general-purpose film 發泡鞋材、醫藥用途、吸震材料、PEVA 膠布 Greenhouse film.Sanitary applications.Gaskets. PEVA sheeting .
	7140F	0.7	0.934	14	70	200	750	92 / 40	90	—	—	—	—	
	7350F	1.8	0.938	18	45	150	800	88 / 38	84	—	—	—	650	
射出 & 發泡級 Injection & Foaming	7240M	1.5	0.935	15	55	150	700	92 / 42	87	—	—	—	—	發泡鞋材、交聯發泡板 X-linked Foam -Sandal , Slipper.
	7320M	4.0	0.930	9	60	140	700	96 /46	96	—	—	—	—	可撓性物件、交聯發泡板 Flexible items. X-linked Foam
	7340M	2.5	0.934	14	80	140	700	96 / 45	90	—	—	—	—	可撓性物件、交聯發泡板 Flexible items. X-linked Foam
	7350M	2.5	0.938	18	45	150	800	88 / 38	84	—	—	—	—	發泡鞋材、吸震材料、PEVA 膠布 X-linked Foam-shoes, Mid-sole. Gaskets. PEVA sheeting.
	7360M	2.5	0.941	21	40	180	800	86 / 36	80	—	—	—	—	發泡鞋材、吸震材料、板材保護膜 X-linked Foam-shoes, Mid-sole. Gaskets. Protecting film.
	7470M	7.5	0.948	26	30	140	800	82 / 32	76	—	—	—	—	交聯發泡板、吸震材料、混摻色母料、押出建材 X-linked Foam.Gaskets.Blend polymer.Build materials Wallpaper.
低煙無鹵電線電纜級 LSFH for Wire & Cable	7470K	5.5	0.948	26	30	150	800	82 / 32	76	—	—	—	—	電線電纜、交聯發泡板、吸震材料、混摻色母料 LSFH for Wire and Cable 、X-linked Foam.Gaskets.Blend polymer.
太陽能封裝膜級 Encapsulant film	7870H	15	0.945	28	—	80	800	70 / 20	69	—	—	—	—	EVA 封裝膜的基礎原料 General- purpose for proudcing solar cell encapsulant film
熱熔膠級 Hot melt	7760H	25	0.945	28	—	82	800	70 / 20	70	51	36	84	—	書籍裝訂膠、自動包裝膠、合板膠、熱熔膠襯 packaging, bookbinding, woodworking, various assemblies
	7A50H	150	0.934	19	—	70	700	73 / 23	82	62	43	92	—	
	7A60H	150	0.938	28	—	40	800	67 / 16	71	50	33	81	—	
	7B50H	400	0.933	19	—	40	660	71 / 22	76	55	39	91	—	
	7B60H	400	0.942	28	—	20	800	69 / 19	68	55	34	82	—	

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.