



台灣塑膠工業股份有限公司麥寮廠
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Technical Data Sheet

Taisox- Hot-melt EVA

1. Product description

7A50H、7A60H、7B50H、7B60H、7760H are an ethylene/vinylene acetate copolymer. The trade name is Taisox. This product manufactured by the high-pressure process. By incorporating vinyl acetate (VA) into the ethylene chain produce co-polymerization to EVA.

7A50H、7A60H、7B50H、7B60H、7760H are a general-purpose for EVA Hot-melt, Key applications include packaging, bookbinding, woodworking and various assemblies. It provides excellent adhesion, high-flowability and soft properties.

2. Typical properties

			7760H	7A50H	7A60H	7B50H	7B60H
Properties	Units	Test Method					
Melt Index MI _{2.16}	g/10min	ASTM D1238	25	150	150	400	400
Density	g/cm ³	ASTM D1505	0.945	0.934	0.938	0.933	0.942
Vinyl Acetate content	%	FPC method	28	19	28	19	28
Thermal properties							
Melting point	°C	DSC	70	82	71	76	68
Freezing point	°C	DSC	51	62	50	55	55
Softening point—R&B	°C	ASTM D1525	36	43	33	39	34
Softening point—VICAT	°C	ASTM E28	84	92	81	91	82
Mechanical properties							
Tensile strength at break	Kg/cm ²	ASTM D638	82	70	40	40	20
Elongation at break	%	ASTM D638	800	700	800	660	800
Hardness	Shord D	ASTM D2240	20	23	16	22	19

*Data shown are average values and should not be examined for specifications

3. Regulatory status

The grade meets the specification promulgated by the Food and Drug Administration of United States of America (FDA) for olefin polymers in 21 code of Federal Regulation Section 177.1350. Please contact your Formosa Plastics corporation representative for detailed information and other documents.

4. Packing

FPC supplied in 25Kg/paper bag.

5. Storing

EVA must be stored at temperature under 40°C. The sun radiation, heat, humidity is prohibit. The expiration date is 3 years.

Last Update: January 7, 2022