



Formosa Plastics Corporation

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Technical Data Sheet

Taisox 7340M

1. Product description

7340M is an ethylene/vinylene acetate copolymer. The trade name is Taisox. This product is manufactured by the high-pressure process. By incorporating vinyl acetate (VA) into the ethylene chain, the high-pressure process produces co-polymerization to EVA.

7340M is a general-purpose for X-linked foam, Flexible items. It provides high elasticity and high flexible properties.

2. Typical properties

Properties	Units	Test Method	Typical Value
Melt Index MI _{2.16}	g/10min	ASTM D1238	2.5
Density	g/cm ³	ASTM D1505	0.934
Vinyl Acetate content	%	FPC method	14
Thermal properties			
Melting point		DSC	90
Brittleness point		ASTM D746	<-70
Softening point		ASTM D1525	70
Mechanical properties			
Tensile strength at yield	Kg/cm ²	ASTM D638	80
Tensile strength at break	Kg/cm ²	ASTM D638	140
Elongation at break	%	ASTM D638	700
Hardness	Shore A	ASTM D2240	96
Hardness	Shore D	ASTM D2240	45

*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 and gets the certification of RoHS (the restriction of the use of certain hazardous substances in electrical and electronic equipment). Please contact your Formosa Plastics corporation representative for detailed information and other documents. More details, Please browse our website: www2.fpc.com.tw/pe/indexe.

4. Packing

FPC supplied in 25Kg/paper bag or bulk 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.