



台灣塑膠工業股份有限公司麥寮廠

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## Technical Data Sheet

### Taisox 7130F

#### 1. Product description

7130F 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.

7130F is general-purpose for greenhouse film, general-purpose film. It provides good processability, good toughness, and non-BHT content.

#### 2. Typical properties

Properties	Units	Test Method	Typical Value
Melt Index MI <sub>2.16</sub>	g/10min	ASTM D1238	0.9
Density	g/cm <sup>3</sup>	ASTM D1505	0.930
Vinyl Acetate content	%	FPC method	9
<b>Thermal properties</b>			
Melting point	°C	DSC	93
Brittleness point	°C	ASTM D746	<-80
Softening point	°C	ASTM D1525	80
<b>Mechanical properties</b>			
Tensile strength at yield	Kg/cm <sup>2</sup>	ASTM D638	60
Tensile strength at break	Kg/cm <sup>2</sup>	ASTM D638	180
Elongation at break	%	ASTM D638	650
Hardness	Shore A	ASTM D2240	95
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](http://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.