

TAISOX® 7350M

Ethylene Vinyl Acetate Copolymer

Formosa Plastics Corporation

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Technical Data

Product Description

TAISOX® 7350M is an Ethylene Vinyl Acetate Copolymer (EVA) material. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of TAISOX® 7350M are:

- Chemical Resistant
- Copolymer
- Crosslinkable
- Good Flexibility

Typical applications include:

- Consumer Goods
- Engineering/Industrial Parts
- Foam
- Sheet

General

Material Status	• Commercial: Active		
Search for UL Yellow Card	• Formosa Plastics Corporation		
Availability	• Asia Pacific	• Europe	• North America
Features	• Chemical Resistant • Copolymer	• Crosslinkable • Good Flexibility	• High Elasticity
Uses	• Foam • Footwear	• Gaskets • Sheet	
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.938 g/cm ³	0.938 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5 g/10 min	2.5 g/10 min	ASTM D1238
Vinyl Acetate Content	18.0 wt%	18.0 wt%	

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength			ASTM D638
Yield	640 psi	4.41 MPa	
Break	2130 psi	14.7 MPa	
Tensile Elongation (Break)	800 %	800 %	ASTM D638
Flexural Modulus	2130 psi	14.7 MPa	ASTM D790

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	• 88 • 38	• 88 • 38	ASTM D2240

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Brittleness Temperature	-94.0 °F	-70.0 °C	ASTM D746
Vicat Softening Temperature	140 °F	60.0 °C	ASTM D1525
Melting Temperature	183 °F	84.0 °C	

Injection	Nominal Value (English)	Nominal Value (SI)
Processing (Melt) Temp	302 to 356 °F	150 to 180 °C

Notes

¹ Typical properties: these are not to be construed as specifications.



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Where to Buy

Supplier

Formosa Plastics Corporation

Taipei, Taiwan

Telephone: +886-2-2712-2211

Web: <http://www.fpc.com.tw/>

Distributor

Click Plastics AG

Click Plastics AG is a Pan European distribution company. Contact Click Plastics for availability of individual products by country.

Telephone: +49-6251-770-690-0

Web: <http://www.clickplastics.com>

Availability: Germany

