

# 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	• <b>Formosa Plastics Corporation</b>
Availability	• Asia Pacific • Europe • North America
Features	• Copolymer • Crosslinkable • Good Chemical Resistance • 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 <sup>3</sup>	0.938 g/cm <sup>3</sup>	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)	• 38 • 88	• 38 • 88	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

<sup>1</sup> Typical properties: these are not to be construed as specifications.

