TAISOX® 7320M

Ethylene Vinyl Acetate Copolymer

Formosa Plastics Corporation

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Technical Data

Product Description

TAISOX® 7320M 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® 7320M are:

- Chemical Resistant
- Copolymer
- Crosslinkable
- Good Flexibility

Typical application of TAISOX® 7320M: Foam

General

Material Status	• Commercial: Active		
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Availability	• Asia Pacific	• Europe	• North America
Features	• Chemical Resistant • Copolymer	• Crosslinkable • Good Flexibility	• High Elasticity
Uses	• Foam		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.930 g/cm³	0.930 g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0 g/10 min	4.0 g/10 min	ASTM D1238
Vinyl Acetate Content	9.0 wt%	9.0 wt%	
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Strength			ASTM D638
Yield	853 psi	5.88 MPa	
Break	1990 psi	13.7 MPa	
Tensile Elongation (Break)	700 %	700 %	ASTM D638
Flexural Modulus	3560 psi	24.5 MPa	ASTM D790
Films	**Nominal Value (English)**	**Nominal Value (SI)**	
Film Thickness - Tested	1.2 mil	30 µm	
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Durometer Hardness (Shore A)	• 96 • 46	• 96 • 46	ASTM D2240
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Brittleness Temperature	-94.0 °F	-70.0 °C	ASTM D746
Vicat Softening Temperature	165 °F	74.0 °C	ASTM D1525
Melting Temperature	205 °F	96.0 °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

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