

# TAISOX 7440M

Ethylene Vinyl Acetate Copolymer

Formosa Plastics Corporation

## Message:

TAISOX 7440M 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 7440M are:

- Copolymer
- Crosslinkable
- Good Flexibility
- High Flow

Typical application of TAISOX 7440M: Foam

General Information			
Features	Copolymer		
	Crosslinkable		
	Good Flexibility		
	High Elasticity		
	High Flow		
Uses	Foam		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.934	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Vinyl Acetate Content	14.0	wt%	
Hardness	Nominal Value	Unit	Test Method
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Durometer Hardness (Shore A)	94		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	5.88	MPa	
Break	14.7	MPa	
Tensile Elongation (Break)	700	%	ASTM D638
Flexural Modulus	22.6	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	70.0	°C	ASTM D1525
Melting Temperature	90.0	°C	

Injection	Nominal Value	Unit
Processing (Melt) Temp	150 to 180	°C

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Recommended distributors for this material

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