

TAISOX 7240M

Ethylene Vinyl Acetate Copolymer

Formosa Plastics Corporation

Message:

TAISOX 7240M 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 7240M are:

- Copolymer
- Crosslinkable
- Good Flexibility

Typical applications include:

- Consumer Goods
- Foam

General Information			
Features	Copolymer		
	Crosslinkable		
	Good Flexibility		
	High Elasticity		
Uses	Foam		
	Footwear		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Vinyl Acetate Content	15.0	wt%	
Hardness	Nominal Value	Unit	Test Method
	42		
Durometer Hardness (Shore A)	92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	5.39	MPa	
Break	14.7	MPa	
Tensile Elongation (Break)	700	%	ASTM D638
Flexural Modulus	20.6	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746

Vicat Softening Temperature	65.0	°C	ASTM D1525
Melting Temperature	87.0	°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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