

TAISOX 7470M

Ethylene Vinyl Acetate Copolymer
Formosa Plastics Corporation

Message:

TAISOX 7470M 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 7470M are:

- Copolymer
- Crosslinkable
- Good Aesthetics
- Good Flexibility
- Good Toughness

Typical applications include:

- Additive/Masterbatch
- Construction Applications
- Consumer Goods
- Engineering/Industrial Parts
- Foam

General Information			
Features	Copolymer		
	Crosslinkable		
	Good Flexibility		
	Good Toughness		
	High Elasticity		
	Opticals		
Uses	Blending		
	Building Materials		
	Foam		
	Footwear		
	Gaskets		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Vinyl Acetate Content	26.0	wt%	
Hardness	Nominal Value	Unit	Test Method
	32		
Durometer Hardness (Shore A)	82		ASTM D2240

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	2.94	MPa	
Break	13.7	MPa	
Tensile Elongation (Break)	800	%	ASTM D638
Flexural Modulus	6.86	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	48.0	°C	ASTM D1525
Melting Temperature	76.0	°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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