

TAISOX 7310M

Ethylene Vinyl Acetate Copolymer
Formosa Plastics Corporation

Message:

TAISOX 7310M 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 7310M are:

Chemical Resistant
Copolymer
Crosslinkable
Good Flexibility
Good Processability

Typical application of TAISOX 7310M: Foam

General Information			
Features	Copolymer		
	Crosslinkable		
	Good Chemical Resistance		
	Good Flexibility		
	Good Processability		
Uses	Foam		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.928	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Vinyl Acetate Content	6.0	wt%	
Hardness	Nominal Value	Unit	Test Method
	47		
Durometer Hardness (Shore A)	98		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	7.85	MPa	
Break	14.7	MPa	
Tensile Elongation (Break)	700	%	ASTM D638
Flexural Modulus	35.3	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	30	µm	
Thermal	Nominal Value	Unit	Test Method

Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	90.0	°C	ASTM D1525
Melting Temperature	102	°C	

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Recommended distributors for this material

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