

Formosa Plastics

EVA

7350M

Product information				
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Manufacturer	Formosa Plastics Corporation
Process	Extrusion molding
Polymer	Copolymer
Material Attribute	Food Contact grade
Features	Good flexibilityHigh elasticityChemical Resistant
Application	Gasket etcCross linked Foam ShoesShoe soles

Tips

7350M is an ethylene/vinylene acetate copolymer. The trade name is Taisox. This product is manufactured by the high-pressure process. By incorporating vinyl acetate (VA) into the ethylene chain, the high-pressure process produces co-polymerization to EVA.

Hardness	Condition	Standard	Value	Unit
Shore	Hardness A	ASTM D2240	88	
Shore	Hardness D	ASTM D2240	38	
Mechanical behavior	Condition	Standard	Value	Unit
Elongation	Break	ASTM D638	800	%
Tensile	Strength Yield	ASTM D638	45	kg/cm²
Tensile	Strength Break	ASTM D638	150	kg/cm²
Physical property	Condition	Standard	Value	Unit
Density		ASTM D1505	0.938	g/cm³
Melt	Index 2.16kg	ASTM D1238	2.5	g/10min
Vinyl	Acetate Content	INTERNAL METHOD	18	wt%
Thermal	Condition	Standard	Value	Unit
Low	Temperature Brittleness	ASTM D746	-70.0	°C
Melting	Temperature DSC	INTERNAL METHOD	84	°C
Softening	Point	ASTM D1525	60	°C