

Formosa Plastics

EVA

7360M

Product information	
Manufacturer	Formosa Plastics Corporation
Process	Extrusion molding
Polymer	Copolymer
Material Attribute	Food Contact grade
Features	Good flexibilityHigh elasticity
Application	Gaskets protecting filmCross linked Foam ShoesShoe soles
Tips	7360M 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	86	
Shore	Hardness D	ASTM D2240	36	
Mechanical behavior	Condition	Standard	Value	Unit
Elongation	Break	ASTM D638	800	%
Tensile	Strength Yield	ASTM D638	40	kg/cm ²
Tensile	Strength Break	ASTM D638	180	kg/cm ²
Physical property	Condition	Standard	Value	Unit
Density		ASTM D1505	0.941	g/cm ³
Melt	Index 2.16kg	ASTM D1238	2.5	g/10min
Vinyl	Acetate Content	INTERNAL METHOD	21	wt%
Thermal	Condition	Standard	Value	Unit
Low	Temperature Brittleness	ASTM D746	-70.0	°C
Melting	Temperature DSC	INTERNAL METHOD	80	°C
Softening	Point	ASTM D1525	58	°C