

Technical Datasheet EVA 7350M

1) Product Description:

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.

7350M is a general-purpose for X-linked foam shoes, mid-sole, gaskets etc. It provides good chemical resistance, excellent elasticity, and high flexible properties.

2) Applications:

X-linked foam shoes, mid-sole, gaskets

3) Typical data:

PROPERTY	TEST METHOD	UNIT	VALUES *
Melt Index MI _{2.16}	ASTM D 1238	g/10min	2.5
Density	ASTM D 1505	g/cm ³	0.938
Vinyl Acetate content	FPC method	%	18
Melting Point	DSC	°C	84
Brittleness point	ASTM D746	°C	<-70
Softening point	ASTM D1525	°C	60
Tensile Strength at yield	ASTM D 638	Kg/cm ²	45
Tensile strength at break	ASTM D 638	Kg/cm ²	150
Elongation at Break	ASTM D 638	%	800
Hardness	ASTM D2240	Shore A	88
Hardness	ASTM D2240	Shore D	38

* Typical values not to be construed as specifications.