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Formosa Plastics Corporation

Technical Data Sheet

Taisox 7350F

1. Product description

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

7350F are a general-purpose for X-linked foam shoes, mid-sole, sanitary applications, gaskets. It provides good chemical resistance, excellent elasticity, and high flexible properties.

2. Typical properties

Properties	Units	Test Method	Typical Value
Melt Index MI _{2.16}	g/10min	ASTM D1238	1.8
Density	g/cm ³	ASTM D1505	0.938
Vinyl Acetate content	%	FPC method	18
Thermal properties			
Melting point	°C	DSC	84
Brittleness point	°C	ASTM D746	<-70
Softening point	°C	ASTM D1525	60
Mechanical properties			
Tensile strength at yield	Kg/cm ²	ASTM D638	45
Tensile strength at break	Kg/cm ²	ASTM D638	150
Elongation at break	%	ASTM D638	800
Hardness	Shord A	ASTM D2240	88
Hardness	Shord D	ASTM D2240	38

*Data shown are average values and should not be examined for specifications