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Technical Data Sheet

Taisox 7350F

1. Product description

7350F 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.

7350F is 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	Shore A	ASTM D2240	88
Hardness	Shore D	ASTM D2240	38

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

3. Regulatory status

The grade meets the specification promulgated by the Food and Drug Administration of United States of America (FDA) for olefin polymers in 21 code of Federal Regulation Section 177.1350 and gets the certification of RoHS(the restriction of the use of certain hazardous substances in electrical and electronic equipment). Please contact your Formosa Plastics corporation representative for detailed information and other documents. More details, Please browse our website: www2.fpc.com.tw/pe/indexe.

4. Packing

FPC supplied in 25Kg/paper bag or bulk bag.

5. Storing

EVA must be stored at temperature under 40°C. The sun radiation, heat, humidity is prohibit. The expiration date is 3 years.

Last Update: February 26, 2014