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1
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Technical Data Sheet

Taisox 7470M

1.Product description

7470M 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.

7470M is a general-purpose for X-linked Foam-shoes, Mid-sole, Gaskets, Blend polymer, LSHN W&C. It provides excellent elasticity, high flexible, good toughness and High optical properties.

2.Typical properties

Properties	Units	Test Method	Typical Value
Melt Index $MI_{2.16}$	g/10min	ASTM D1238	7.5
Density	g/cm^3	ASTM D1505	0.948
Vinyl Acetate content	%	FPC method	26
Thermal properties			
Melting point		DSC	76
Brittleness point		ASTM D746	<-70
Softening point		ASTM D1525	48
Mechanical properties			
Tensile strength at yield	Kg/cm^2	ASTM D638	30
Tensile strength at break	Kg/cm^2	ASTM D638	140
Elongation at break	%	ASTM D638	800
Hardness	Shore A	ASTM D2240	82
Hardness	Shore D	ASTM D2240	32

*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℃. The sun radiation, heat, humidity is prohibit. The expiration date is 3 years.