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## Technical Data Sheet **Taisox 7760S**

### 1. Product description

7760S is an ethylene/vinyl 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, co-polymerization produces EVA.

7760S is a general-purpose for producing solar cell encapsulant film.

### 2. Typical properties

TAISOX 7760S			
Properties	Units	Test Method	Value
Melt Index MI <sub>2.16</sub>	g/10min	ASTM D1238	25
Density	g/cm <sup>3</sup>	ASTM D1505	0.945
Vinyl Acetate content	%	FPC method	28.0
<b>Thermal properties</b>			
Melting point	°C	DSC	69
<b>Mechanical properties</b>			
Tensile strength at break	Kg/cm <sup>2</sup>	ASTM D638	82
Elongation at break	%	ASTM D638	>800
Hardness	Shord D	ASTM D2240	20
%T(280-1100 nm)	%	UV-VIS	>91

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

### 3. Packaging

25Kg/paper bag or 650Kg/bulk bag.

### 4. Storage

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

The expiration date is 3 years.

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Last Update: May 22, 2018