



台灣塑膠工業股份有限公司麥寮廠

臺灣省雲林縣麥寮鄉台塑工業園區 1 號

Formosa Plastics Corporation

Mailiao Plant: NO.1,Formosa Industrial Complex,

Mailiao Village, Yunlin County, Taiwan , R.O.C.

Tel: 886-5-681-2345 Fax: 886-2-681-2833

## Technical Data Sheet

### Taisox 6520G

#### 1.Product description

6520G is a low density polyethylene plastic resin. The trade name is Taisox. This product manufactured by the high-pressure autoclave process.

6520G is a general-purpose for flexible packaging and paper coating. It provides excellent processability , good adhesion,low neck-in. properties.

#### 2.Typical properties

Properties	Units	Test Method	Typical Value
Melt Index MI <sub>2.16</sub>	g/10min	ASTM D1238	7.5
Density	g/cm <sup>3</sup>	ASTM D1505	0.916
<b>Thermal properties</b>			
Melting point	°C	DSC	105
Brittleness point	°C	ASTM D746	<-70
Softening point	°C	ASTM D1525	85
<b>Mechanical properties</b>			
Tensile strength at yield	Kg/cm <sup>2</sup>	ASTM D638	90
Tensile strength at break	Kg/cm <sup>2</sup>	ASTM D638	110
Elongation at break	%	ASTM D638	500
flexible modules	Kg/cm <sup>2</sup>	ASTM D790	1100
Hardness	Shore D	ASTM D2240	52

\*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 177.1520 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](http://www2.fpc.com.tw/pe/indexe).

#### 4.Packing

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

#### 5.Storing

Resin 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