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## Technical Data Sheet

### Taisox Ethylene Butene Copolymer Resin, LLDPE 3225

#### 1. Product description

Taisox 3225 is an ethylene/butene copolymer based Linear Low Density Polyethylene which is designed for cast film applications. The Taisox LLDPE is produced by advanced technology from BP using gas phase process. Taisox 3225 provides various good properties, such as excellent film strength, good processability, good heat-seal, superior optical properties. Taisox 3225 can be used for cast stretch film, overwrap film.

#### 2. Typical properties

Properties	Unit	Test Method	<b>3225</b>
Melt Index MI <sub>2.16</sub>	g/10min	ASTM D1238	2.0
Density	g/cm <sup>3</sup>	ASTM D1505	0.919
Melting point	°C	FPC DSC	122
Brittleness point	°C	ASTM D746	< - 70
Softening point	°C	ASTM D1525	100
Tensile strength at yield	Kg/cm <sup>2</sup>	ASTM D638	110
Tensile strength at break	Kg/cm <sup>2</sup>	ASTM D638	280
Elongation at break	%	ASTM D638	800
Slip agent	level		None
Anti blocking agent	level		None

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

#### 3. Processability

The recommended temperature setting is in the range of 240-290°C for extruder and 250-290°C for die zone.

#### 4. Regulatory status

The grades meet 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. Please contact your Formosa Plastics Corporation representative for detailed information and other documents.

#### 5. Packing

FPC supplied in 25Kg/paper bag or 1000Kg/bulk bag.

#### 6. Storing

Resin must be stored at temperature under 40°C. The sun's radiation, heat, and humidity are prohibit. The expiration date is 3 years.