



台灣塑膠工業股份有限公司麥寮廠
中華民國臺灣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: 886-5-681-1180 Fax: 886-5-681-1122

Technical Data Sheet

Taisox Ethylene Butene Copolymer Resin, LLDPE 3220/3224/3224D

1. Product description

Taisox 3220/3224/3224D is an ethylene/butene copolymer based Linear Low Density Polyethylene which is designed for blown film applications. The Taisox LLDPE is produced by advanced technology from BP using gas phase process. Taisox 3220/3224/3224D provides various good properties, such as excellent film strength, good processability, good heat-seal and optical properties. Taisox 3220/3224/3224D can be used for heavy duty sacks, agricultural films, liners produce bags, stretch film.

2. Typical properties

Properties	Unit	Test Method	3220	3224	3224D
Melt Index MI _{2.16}	g/10min	ASTM D1238	2.0	2.0	2.0
Density	g/cm ³	ASTM D1505	0.920	0.922	0.924
Melting point	°C	FPC DSC	122	122	122
Brittleness point	°C	ASTM D746	< - 70	< - 70	< - 70
Softening point	°C	ASTM D1525	100	100	100
Tensile strength at yield	Kg/cm ²	ASTM D638	100	110	110
Tensile strength at break	Kg/cm ²	ASTM D638	360	280	280
Elongation at break	%	ASTM D638	600	800	800
Slip agent	level		None	Medium	Medium
Anti blocking agent	level		None	Medium	High

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

3. Processability

The recommended temperature setting is in the range of 160-200°C for extruder and 170-200°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.