



台灣塑膠工業股份有限公司聚烯事業部

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, ROC.

Tel: 886-5-681-1121 Fax: 886-5-681-1122

Technical Data Sheet

Taisox Ethylene Butene Copolymer Resin, LLDPE 3440/3450/3460

1. Product description

TAISOX 3440/3450/3460 is an ethylene/butene copolymer based Linear Low Density Polyethylene which is designed for extrusion molding applications. The Taisox LLDPE is produced by advanced technology from BP using gas phase process. Taisox 3440/3450/3460 provides various good properties , such as excellent strength, good processability. Taisox 3440/3450/3460 can be used for PE sheeting.

2. Typical properties

Properties	Unit	Test Method	3440	3450	3460
Melt Index MI _{2.16}	g/10min	ASTM D1238	4.0	8.0	14
Density	g/cm ³	ASTM D1505	0.925	0.925	0.926
Melting point	°C	FPC DSC	123	123	124
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	115	115	120
Elongation at break	%	ASTM D638	800	800	850
Hardness	Shore D	ASTM D2240	55	55	56

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

3. Processability

The recommended temperature setting is in the range of 170-210°C for extruder and 180-210°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.

Last Update: Jan. 24, 2014