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Technical Data Sheet

Taisox Ethylene Butene Copolymer Resin, LLDPE 3470

1. Product description

Taisox 3470 is an ethylene/butene copolymer based Linear Low Density Polyethylene which is designed for injection applications. The Taisox LLDPE is produced by advanced technology from BP using gas phase process. Taisox 3470 provides various good properties, such as excellent strength, good processability. Taisox 3470 can be used for housewares, thin walled food containers, lids.

2. Typical properties

Properties	Unit	Test Method	3470
Melt Index MI _{2.16}	g/10min	ASTM D1238	21.0
Density	g/cm ³	ASTM D1505	0.924
Melting point	°C	FPC DSC	122
Brittleness point	°C	ASTM D746	< - 70
Softening point	°C	ASTM D1525	100
Tensile strength at yield	Kg/cm ²	ASTM D638	117
Elongation at break	%	ASTM D638	850
Hardness	Shore D	ASTM D2240	55

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

3. Processability

TAISOX 3470 Resin suggest injection temperature about 170±10°C for general article, for big article injection temperature no more 220°C

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.