台灣塑膠工業股份有限公司聚烯事業部
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Technical Data Sheet

Taisox 3470/3490

1. Product description

3470/3490 Linear Low Density Polyethylene plastic resin are the product of advanced technology INNOVENE from BP.Ltd.UK. This gas phase process under careful process control and additive selection make TAISOX LLDPE outstanding for various good properties. Such as excellent strength, good processability. 3470/3490 can be used for Housewares, Thin walled food containers ,Lids, masterbatch.

2. Typical properties

Properties	Unit	Test Method	**3470**	**3490**
Melt Index $MI_{2.16}$	g/10min	ASTM D1238	23	50
Density	g/cm^3	ASTM D1505	0.926	0.926
Melting point	℃	FPC DSC	122	122
Brittleness point	℃	ASTM D746	＜－70	＜－70
Softening point	℃	ASTM D1525	100	100
Tensile strength at yield	Kg/cm^2	ASTM D638	130	120
Elongation at break	%	ASTM D638	500	190
Hardness	Shore D	ASTM D2240	55	45

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

3. Processability

TAISOX 3470/3490 Resin suggest injection temperature about 170±10℃ for genenal article, for big article injection temperature no more 220℃

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℃. The sun radiation, heat, humidity is prohibit. The expiration date is 3 years.