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Technical Data Sheet

Taisox Ethylene Butene Copolymer Resin, LLDPE 3210/3214

1. Product description

Taisox 3210/3214 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 3210/3214 provides various good properties, such as excellent film strength, good processability, good heat-seal and optical properties. Taisox 3210/3214 can be used for heavy duty sacks, agricultural films, liners produce bags, stretch film.

2. Typical properties

Properties	Unit	Test Method	3210	3214
Melt Index MI _{2.16}	g/10min	ASTM D1238	1.0	1.0
Density	g/cm ³	ASTM D1505	0.920	0.922
Melting point	°C	FPC DSC	122	122
Brittleness point	°C	ASTM D746	< - 70	< - 70
Softening point	°C	ASTM D1525	100	100
Tensile strength at yield	Kg/cm ²	ASTM D638	100	110
Tensile strength at break	Kg/cm ²	ASTM D638	410	320
Elongation at break	%	ASTM D638	620	840
Slip agent	level		None	Medium
Anti blocking agent	level		None	Medium

* 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.

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