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## Technical Data Sheet

### Taisox Ethylene Butene Copolymer Resin,LLDPE 3840/3840U

#### 1. Product description

Taisox 3840/3840U is an ethylene/butene copolymer based Linear Low Density Polyethylene which is designed for rotation molding applications. The Taisox LLDPE is produced by advanced technology from BP using gas phase process. Taisox 3840/3840U provides various good properties, such as excellent strength, good processability. Taisox 3840/3840U can be used for Large crate containers, Tank ,Barricade.

#### 2. Typical properties

Properties	Unit	Test Method	<b>3840</b>	<b>3840U</b>
Melt Index MI <sub>2.16</sub>	g/10min	ASTM D1238	5.0	5.0
Density	g/cm <sup>3</sup>	ASTM D1505	0.935	0.935
Melting point	°C	FPC DSC	125	125
Brittleness point	°C	ASTM D746	<-70	<-70
Softening point	°C	ASTM D1525	100	100
Tensile strength at yield	Kg/cm <sup>2</sup>	ASTM D638	150	150
Tensile strength at break	Kg/cm <sup>2</sup>	ASTM D638	220	220
Elongation at break	%	ASTM D638	>1000	>1000
Hardness	Shore D	ASTM D2240	60	60
Izod Impact Strength	Kg-cm/cm notch	ASTM D256	20	20
UV class	—	—	non-UV	UV

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

#### 3. 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.

#### 4. Packing

FPC supplied in 25Kg/paper bag or 1000Kg/bulk bag.

#### 5. 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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