

## Product Data Sheet

# SECCO LL0230AA

## Linear Low Density Polyethylene



### Product Description

LL0230AA is a 1-butylene linear low density polyethylene resin with less gels, good optical performance, characteristics of high penetration, high toughness and good liquidity. LL0230AA contains no slip agent and anti-block agent.

### Typical Applications

Cast Film: medium strength packaging films, composite film, composite substrate film etc. Suitable for support layer, corona layer.

### Typical Property Values

Properties	Typical values	Units	Test methods	
<b>Physical Properties</b>				
Melt Flow Rate (190°C/2.16 kg)	3.3	g/10min	GB/T 3682.1	
Density (non-annealed)	923.5	kg/m <sup>3</sup>	Q31/0116000326C001 Appendix D	
<b>Film Properties</b>				
Tensile Strength at Yield	MD	12	MPa	GB/T 1040.3
	TD	12	MPa	GB/T 1040.3
Tensile Strength at Break	MD	35	MPa	GB/T 1040.3
	TD	30	MPa	GB/T 1040.3
Tensile Elongation at Break	MD	1100	%	GB/T 1040.3
	TD	1200	%	GB/T 1040.3
Tear Strength	MD	125	g	GB/T 16578.2
	TD	270	g	GB/T 16578.2
Dart Drop Impact Strength		50	g	GB/T 9639.1
<b>Optical Properties</b>				
Transmittance		91	%	GB/T 2410
Haze		20	%	GB/T 2410
Gloss (45°)		34	%	GB/T 8807

\* These are typical properties only and should not be construed as specifications

\* The information in this document was published in November 2022. When an updated version is released, the previous version of the same grade is automatically invalid

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## **Product Compliance**

**LL0230AA** complies with GB9691-1988 *Hygienic standard for polyethylene resin used as food packaging material*, FDA regulation 21CFR 177.1520(c) 3.1(a) & 3.2(a) and the RoHS Directive 2011/65/EU. Additives those do not comply with national regulations, such as phthalates, are not intentionally used in LL0230AA. However, the customer is still responsible for determining whether the fabricated product is in compliance with applicable laws and regulations. Related reports or statements may be obtained from Secco or local distributors if required.

## **Storage**

The storage area for polyethylene resin should be dry, and preferable to normal temperature. The resin must be protected from direct sunlight, and heat resource. SECCO would not give warranty to bad storage conditions which may lead to color change, bad odor and inadequate product performance. It is generally recommended to convert all materials latest within 6 months from the date of delivery.

## **Safety and Material Handling**

SECCO polyethylene resin has a very low degree of toxicity under normal conditions of use. For more detailed information, please contact your SECCO representative or the local suppliers to get the Material Safety Data Sheet (MSDS) for Linear Low Density Polyethylene.

**For additional technical and sales assistance, please contact**

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