

BioEstolide™

TYPICAL PROPERTIES



	BioEstolide™ 30 <i>Ethylhexyl Acetoxystearate</i>	BioEstolide™ 250 <i>Acetyl Ethylhexyl Polyhydroxystearate</i>	BioEstolide™ 250-100 <i>Acetyl Octyl Polyhydroxyoleate**</i>	BioEstolide™ 1300 <i>Acetyl Ethylhexyl Polyhydroxystearate</i>
<i>Kinematic Viscosity, 100°C, cSt</i>	4.7	22.0	22.4	75.9
<i>Kinematic Viscosity, 40°C, cSt</i>	20.7	153.0	143.9	668.4
<i>Viscosity Index</i>	153	170	184	195
<i>Dynamic Viscosity, 25°C, cP</i>	34	259	259	1300
<i>Specific Gravity, 15°C</i>	0.9065	0.9174	0.9174	0.9190
<i>Flash Point (Open), °C</i>	242	268	n/a	288
<i>Flash Point (Closed), °C</i>	216	221	268	251
<i>Pour Point, °C</i>	-21	-23	-41	-21
<i>Renewable Carbon. %</i>	69%	86%	100%	95%
<i>ASTM Color</i>	1	1	1	1
<i>Iodine Value, g I2/100g</i>	1.0	2.0	2.0	2.0
<i>Acid Value, mg KOH/g</i>	0.1	0.3	0.3	0.3
<i>Refractive Index, 20°C</i>	1.45	1.46	1.46	1.47
<i>Water Content, wt%</i>	0.1 max	0.1 max	0.1 max	0.1 max
<i>Molecular Weight, g/mol</i>	455	1426	1426	2680
<i>Odor</i>	Low	Low	Low	Low
<i>Appearance</i>	Light Yellow	Light Yellow	Light Yellow	Light Yellow
<i>Sensory After Feel</i>	Light, Satiny	Light, Satiny	Light, Satiny	Light, Satiny

*Typical results are provided. To the best of our knowledge, the information is accurate, but given without guarantee.

** Approval of the INCI name listed by the PCPC is pending



PRODUCT APPLICATIONS

Baby Care	Hair Treatment & Styling
Bath & Shower	Household Cleaning
Body Care	Lubrication
Color Cosmetics	Make-up Remover
Depilatories	OTC
Ethnic Hair Care	Pharmaceutical
Food & Pharma	Skin Care
Hair Cleansing	Skin Cleansing
Hair Conditioning	Tanners

