

Innoleo® 12HSA

Innoleo® 12HSA is a high purity 12-hydroxystearic acid derived from castor oil. The product is used widely in grease manufacturing as a primary thickener in grease formulas. Innoleo® 12HSA can be used in the complexing of various “in-situ” soaps used in specialty greases.

PRODUCT PERFORMANCE BENEFITS

- Reactive Hydroxyl Group
- Enhances Grease Stability
- Biodegradable
- Low Carbon Footprint

TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>UNITS</u>	<u>RESULT</u>
Color	Gardner	7.0 max
Saponification Value	mg KOH/g	184 - 192
Total Acid Number	mg KOH/g	175 - 185
Iodine Value	g I ₂ /100 g	4 max
Hydroxyl Value	mg KOH/g	153 min
Melt Point	°C	72 - 80
Moisture	%	3 max
Flash Point (CC)	°C	215 min

HANDLING, SAFETY, HEALTH, AND ENVIRONMENT

See safety data sheet

The typical properties found in this document should not be misconstrued or taken as sales specifications.

The values found here are typical values given to help the reader understand the physical characteristics of our given technology.

