

AA® Standard Castor Oil

Technical Data Sheet



Product Identification

AA® Standard is a commercial, quality refined grade castor oil. It is a light colored viscous liquid with a molecular weight of 928. The principle constituent (approximately 90%) is the triglyceride (ester) of ricinoleic acid. The combination of hydroxyl group and unsaturation exists only in castor oil.

Physical Properties

<u>Property</u>	<u>Value</u>
Composition	Approximately, 90% Triglyceride of Ricinoleic Acid
Molecular Weight	928
Form	Clear viscous liquid
Acid Value	1
Color, Gardner	1
Density, lbs./gal, 25°C	7.98
Fire Point, COC, °F	605
Flash Point, COC, °F	555
Hydroxyl Value	164
Iodine Value	86
Moisture Content, %	0.1
Pour Point, °F	-10
Refractive Index	1.4775
Saponification Value	180
Specific Gravity, 25°C/25°C	0.959
Viscosity, 25°C, Stokes	7.3

Applications

- Efficient plasticizing and pigment wetting properties
- Biodegradable
- Excellent lubricating properties
- Chemical intermediate

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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