

CASTOR OIL - DRY

Description

Castor Oil is a natural oil obtained from the seed of the Ricinus Communis or castor plant. It is unique among naturally occurring oils in that it is the only commercially sold oil composed of approximately 85-90% Ricinoleic acid. Dry Castor, also known as Low Moisture (Urethane Grade) Castor Oil is produced by removing the moisture from Castor oil. If a lower acid value is required, Neutralized Castor is used.

Properties Specifications

COLOR	Lovibond,	20Y 2.0R
HYDROXY VALUE	mg KOH/gm	160-168
VISCOSITY	°C Stokes	6.3-8.9
FREE FATTY ACIDS	% MAX	1.0
MOISTURE & VOLATILE	MAX	0.03%
INSOLUBLE IMPURITIES	MAX	0.02%
RICINOLEIC ACID CONTENT	MIN	85%
APPEARANCE	@ 25°C	CLEAR
ODOR		SLIGHT
SOLUBILITY IN ALCOHOL	@ 20°C	COMPLETE W/O TURBIDITY

Additional Properties

• SPECIFIC GRAVITY @ 25°C	0.957-0.965
• REFRACTIVE INDEX @ 25°C	1.476-1.479
• IODINE VALUE	83-88
• SAPONIFICATION VALUE	175-185
• UNSAPONIFIABLE	0.7%
• COLOR-GARDNER (MAX)	3
• ACID VALUE (MAX)	2

Applications

- Urethanes
- Adhesives
- Plastics
- Cosmetics
- Inks
- Rubber
- Pharmaceuticals
- Greases
- Textiles

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