

Product Information

CASTOR OIL-BP 2012

Typical Properties

APPEARANCE	CLEAR ALMOST COLOURLESS OR SLIGHTLY YELLOW, VISCOUS LIQUID
SOLUBILITY	SLIGHTLY SOLUBLE IN LIGHT PETROLEUM, MISCIBLE WITH ALCOHOL AND WITH GLACIAL ACETIC ACID
REFRACTIVE INDEX	1.477 - 1.481
OPTICAL ROTATION	+3.5° - +6.0°
ABSORBANCE	269 ± 1 IN (1.0 g ALCOHOL R DILUTED TO 100 ml WITH SAME SOLVENT
ACID VALUE	MAXIMUM 2.0
HYDROXYL VALUE	MINIMUM 150
IODINE VALUE	82-90 (IODINE BROMINE METHOD)
SAPONIFICATION VALUE	176-187 (mg KOH/gm)
PEROXIDE VALUE	MAXIMUM 10.0
UNSATURATED MATTER	MAXIMUM 0.8% W/W
MOISTURE	MAXIMUM 0.3 %

NOTICE : THE INFORMATION PRESENTED HEREIN, WHILE NOT GUARANTEED, IS TO THE BEST OF OUR KNOWLEDGE TRUE AND ACCURATE. NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, IS MADE REGARDING THE PERFORMANCE OR STABILITY OF ANY PRODUCT, SINCE THE MANNER OF USE AND CONDITIONS OF STORAGE AND HANDLING ARE BEYOND OUR CONTROL.

Fatty Acid Composition

PALMITIC ACID	MAXIMUM 2.0 %
STEARIC ACID	MAXIMUM 2.5 %
OLEIC ACID AND ISOMERS	2.5 % - 6.0 % (C18: 2 EQUIVALENT CHAIN LENGTH ON 20000)
LINOLEIC ACID	2.5 % - 7.0 %
LINOLENIC ACID	MAXIMUM 1.0 %
EICOSENOIC ACID	MAXIMUM 1.0 %
RICINOLEIC ACID	85.0 % - 92.0 %
9,10 – DIHYDROXY STEARIC ACID	0.3 % - 0.7 %
ANY OTHER FATTY ACID	NOT MORE THAN 1.0 %

Packing

: 200 KG IN DRUM WITH PALLET (1 X 20' FCL = 16 MT)

Country of Origin

INDIA