

**ProLube Castor Oil FSG ( Refined)**

**PRODUCT SPECIFICATION  
TECHNICAL DATA SHEET**

Virgin, 1.st press, First Special Grade, degummed.

**Description**

Non drying, refined Oil out of the seed of ricinus communis which differs to a great extend from other natural oils and fats due to the special molecular structure of castor oil.

It's used in technical applications where colour of Gardner 4 is sufficient.

**Properties**

The singular structure of castor oil – the triglycerine contains up to 85-90% of the so-called ricinolic acid – is responsible for the chemical, physical and physiological properties. In comparison to other well known natural oils and fats, castor oil is soluble in alcohols and has a viscosity which is 20 times higher.

**Typical data:**

Colour Gardner	Max 4
Acid Value mg/KOH/g	Max 2
Saponification value mg/KOH/g	175-187
Iodine Value (Wijs)	82-89
Viscosity at 20°C (dPA)	9,5-11
Refractive index n(D)20	1,4783-1,4800
Hydroxyl value	Min 160
Water content (%)	Max 0,3
Solubility	With 95 vol% ethanol in all proportion mixable

The analysis figures mentioned in this certificate do only serve as product description and they have been ascertained immediately after production resp. import of the goods.

A legally binding guarantee of certain characteristics or of the suitability for a concrete application cannot be deduced from this certificate. Improper transport and/or improper storage can cause changes. The certificate does not release the consumer from his own examinations of the characteristics of the product and the suitability for the intended use.

TCS-2008-11-30-SQ

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