

Corum 5015

Product Information

FEATURE

- Good color dispersion agent
- Contributes good solubility properties
- Good water holding capacity

INCI NAME

Diisostearyl Malate

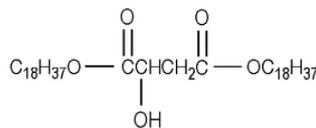
CAS No.

67763-18-2

EC No.

267-041-6

STRUCTURE



CHARACTERISTICS

Appearance

Clear liquid

Odour

Faint

SPECIFICATIONS

Colour (APHA)	70 Max.
Acid value (mg KOH/g)	3.0 Max.
Saponification value (mg KOH/g)	158 - 178
Iodine value (g I ₂ /100g)	2.0 Max.
Hydroxyl value (mg KOH/g)	60 - 90
Specific gravity (20 °C):	0.900 - 0.920
Refractive Index (20 °C)	1.445 - 1.465

SOLUBILITY AT 20 °C

Water	Insoluble
Vegetable oil	Soluble
Mineral oil	Soluble

DESCRIPTION

Corum 5015 is a diester of many branched long chain alcohol and malic acid. It is a high polar ester because of the derivative of α-hydroxy acid. Corum 5015 has very good oxidative stability and castor oil-like function. It has good pigment dispersibility and good solubility with vegetable oils, mineral oils and solvents.

STORAGE

Protect from contacting with light, heat and moisture. Store in tightly closed container at 25 °C.

APPLICATIONS

It is recommended for lipsticks, foundations, creams and lotions.

Revision: 2023/12/11