

non-animal origin

rheological additive

for cosmetics and toiletries

GENERAL INFORMATION

RHEOLUXE 880 is a polymeric thickener designed to impart rheological control and film forming benefits in aqueous and emulsion systems. It is a highly efficient rheological modifier for use in formulations with difficult to thicken conditions such as extreme pH or high electrolyte concentration.

INGREDIENTS

INCI name:

Bis-C16-20 Isoalkoxy TMHDI/PEG-90 Copolymer

APPLICATIONS

- Colour Cosmetics
- Creams & Lotions
- Sunscreens
- Eye Products
- Facial Make-Up
- Haircare Products
- Treatment products

INCORPORATION

RHEOLUXE 880 is supplied in a convenient 30% solids solution that readily thickens emulsion type formulations. Incorporation at the end of the emulsification process is ideal. It is best not added to the water or lipid phase before emulsions are made.

In simple aqueous systems, RHEOLUXE 880 should be stirred into the aqueous solution at room or slightly elevated temperatures.

STORAGE TEMPERATURES

Keep container sealed and store at room temperature. Rheoluxe 880 may freeze during winter months. It can be warmed to room temperature to bring back to fluid state.

KEY PROPERTIES

RHEOLUXE 880 rheological additive

Rheological control

- Predictable, reproducible and stable viscosity control
- Thermostable rheology

Broad pH tolerance

Salt tolerant

Cold processable aqueous solution

CHEMICAL AND PHYSICAL DATA

% Non Volatile	29.5 – 30.5
Appearance	Translucent
Density @ 25C Lbs/Gal	8.60 – 9.00
Viscosity, cps	3000 - 10000

COMPATIBILITY

RHEOLUXE 880 is compatible with most raw materials used in cosmetics and toiletries. It has been found that high HLB emulsifiers can adversely affect performance.

LEVELS OF USE

Typical addition levels of RHEOLUXE 880 additive by weight of total formulation are 1.0-3.0% for cosmetics.

SHELF LIFE

RHEOLUXE 880 has a shelf life of 2 (two) years from date of manufacture.

SAFETY

Before using this product, please consult our MSDS.

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