

Honeywell Asensa® CL 300

INCI Name:

Ethylene/VA Copolymer

CAS: 108-05-4

EINECS: 200-815-3 (Ethylene monomer), 203-545-4 (Vinyl acetate monomer)

Listed in the following registries:

TSCA (US), DSL (CAN), ENCS (Japan), AICS (Australia), IECSC (China), KECI (Korea), PICCS (Philippines)

PRODUCT DESCRIPTION

Asensa CL 300 is a high quality copolymer of ethylene and vinyl acetate and is used primarily as a viscosity increasing agent in anhydrous systems. Its slight polarity makes it especially useful for this purpose when vegetable oils or esters are being incorporated into the formulation. It is also used to aid in the dispersion of particulates in oil systems. In lipstick and similar applications it imparts a good gloss to the final product.

TYPICAL PROPERTIES

Property	Asensa CL 300
Color (Klett Max)	60
Hardness @ 25° C (dmm)	7 – 11
Drop Point, Mettler (°C)	92
Density (g/cc)	0.92
Viscosity @ 150° C Brookfield (cps)	595
Acid Number (mg KOH/g)	0 – 0.15
Average Particle Size (µm)	N/A
Physical Form	Pellet

APPLICATIONS

Crystal structure modification structuring of and syneresis control of:

- Lipsticks
- Gels
- Oil based formulations, including fragrance oils

Gelling agent, rheology modifier for use in oil containing formulations such as:

- Balms and oils
- Pomades
- Styling products

Gellation is effective even with natural oils and commonly used solubilizing esters. Gellation properties will vary depending on the cooling process. Usage can be from 2% upwards. The product would need to be heated to incorporate into a formulation.

HANDLING

The expiration date for these products is five years after shipment, provided the original packaging is intact. Please see product MSDS for any further handling instructions.

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