

Honeywell Asensa® SC 231, 232, 233, 240

INCI Name:
Oxidized Polyethylene

CAS: 68441-17-8

EINECS: 200-815-3

Listed in the following registries:

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

PRODUCT DESCRIPTION

Asensa SC grades of oxidized polyethylene are high quality materials with various average particle size, hardness and geometry thus allowing a wide choice for use in cleansing applications where the degree of exfoliation can be customized to suit the particular requirements of the application. For example one of the harder, larger sized materials may be perfect for a foot scrub, but a gentle facial cleanser will require one of the smaller, softer grades. These materials are also used to thicken and even gel oils for anhydrous systems such as lip products like sticks and glosses. The slightly polar nature of the oxidized grades of polyethylene can contribute to their compatibility with more polar oils used in various formulations and aids in the dispersing of the beads in cleansing systems.

TYPICAL PROPERTIES

Property	Asensa SC 231	Asensa SC 232	Asensa SC 233	Asensa SC 240
Hardness @ 25° C (dmm)	< 0.5	< 0.5	< 0.5	< 0.5
Drop Point, Mettler (°C)	140	140	140	137
Density (g/cc)	0.98	0.98	0.98	1.00
Viscosity @ 150° C Brookfield (cps)	8,500	8,500	8,500	2,500
Acid Number (mg KOH/g)	16	16	16	41
Average Particle Size (µm)	125	325	600	125
Physical Form	Powder	Powder	Powder	Powder

APPLICATIONS

As exfoliating agents in:

- Facial Scrubs
- Body Scrubs
- Foot Scrubs
- Bar Soap

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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