

# Honeywell Asensa® CL 110, 111, 120, & 130

**INCI Name:**  
**Polyethylene**

**CAS: 9002-88-4**

**EINECS: 200-815-3 (monomer)**

**Listed in the following registries:**

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

## PRODUCT DESCRIPTION

**Asensa CL 110, CL 111, CL 120, and CL 130** are high quality micronized polyethylene grades used primarily in pressed powder applications where their ability to provide dry-binding results in a pleasant cool, dry feel to the cake, yet prevents shattering upon impact. The materials differ primarily in average particle size and combinations are often used to obtain a specific feel and hardness. Their use also results in a very uniform, matte appearance with improved payoff. These materials are also used to contribute a lubricious feel to formulations, and are used for that purpose in deodorants, antiperspirants, baby products and a variety of creams, lotions and powders where a soft, dry after feel is desired.

## TYPICAL PROPERTIES:

Property	Asensa CL 110	Asensa CL 111	Asensa CL 120	Asensa CL 130
Hardness @ 25° C (dmm)	< 0.5	< 0.5	1.0	1.0
Drop Point, Mettler (°C)	126	126	121	121
Density (g/cc)	0.99	0.99	0.95	0.98
Viscosity @ 150° C Brookfield (cps)	80	80	20	
Acid Number (mg KOH/g)	Nil	Nil	Nil	Nil
Average Particle Size (µm)	6	12	3	6
Physical Form	Micronized Powder	Micronized Powder	Micronized Powder	Micronized Powder

## APPLICATIONS

As ingredients in:

- Pressed Powders
- Deodorants/Antiperspirants

Asensa CL 110 & 111 function as suspension aids, binders, and flattening or texturizing agents. These products provide improved payout and are often added to obtain a smoother, silkier feel.

Asensa CL 120 when used in conjunction with Asensa CL 110 provides both superior binding properties along with a smooth dry feel. Its superior binding properties allows one to formulate a pressed powder with no oil.

## 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.

**Honeywell Personal Care**  
101 Columbia Road  
Morristown, NJ 07962  
Technical support:  
973-455-4425  
[www.honeywell.com/asensa](http://www.honeywell.com/asensa)

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