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Honeywell

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CERTIFICATE OF ANALYSIS

Ricardo Molina SA

May 6, 2014

Delivery Date: 12/05/2014

Attention: QUALITY ASSURANCE

Order No: 1058163

Delivery No: 0083275884

Grade: ASENSA® CL 111, 20 KG, D

Item		Assays		
Lot - Sublot	Kg	Manufacturing date	Particle Size micr	Particle Size (T.S.) micr
D9CL111028	180	29/07/2013	10,8	29,11
Total:	180			
Minimum:			10,0	0
Maximum:			11,5	44,00

SHELF LIFE IS FIVE YEARS FROM DATE OF MANUFACTURE.

Mireille Stiers

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
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