

## Paricin\* 285 Ground

### Technical Data Sheet

#### Product Identification

Paricin 285, N,N'-Ethylene bis-12-hydroxystearamide, is a brittle wax-like solid formed from the reaction of an amine with hydroxystearic acid. The formed hydroxystearamide is a high melting point, wax-like material that is extremely resistant to acids and alkalis in contrast to natural and synthetic ester waxes. Paricin 285 has excellent lubrication, anti-static and pigment wetting properties.

#### Physical Properties

<b>Property</b>	<b>Typical Value</b>
<b>Appearance</b>	White to yellow powder
<b>Form</b>	Powder
<b>Particle Size (% passing US Sieve #200)</b>	98 minimum
<b>Melting Point, °C</b>	138 minimum
<b>Penetration Hardness<sup>(1)</sup></b>	1
<b>Color, Gardner</b>	8
<b>Acid Value</b>	6 maximum
<b>Hydroxyl Value</b>	152 minimum
<b>Iodine Value</b>	4
<b>Saponification Value</b>	14
<b>Specific Gravity</b>	1.020
<b>Density, lbs./gal, 25°C</b>	8.49
<b>Flash Point, °C</b>	421
<b>Boiling Point, °C @ 760mm Hg</b>	772.5

(1) Penetration Hardness (100g@77°F/5 seconds)(0.1mm)

#### Applications

- Hot melt adhesives
- Processing aid for rubber and plastics
- Pigment dispersant for color concentrates
- Mold lubricant and release agent / slip aid
- Processing aid and anti-stat for polyethylene, polystyrene, nylon, ABS, vinyl, styrene butadiene polymers and butyl rubber
- Thixotrope

For toxicity or regulatory information please consult the Safety Data Sheet.

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