

# Duomeen C

## Coco propylene diamine

Duomeen® C is a coco diamine.

### Specifications

|                           |                              |
|---------------------------|------------------------------|
| Amine number              | ≥ 387 mg KOH/g               |
| Apparent diamine activity | ≥ 89 (Mw=129) %              |
| Color                     | ≤ 12 (1963) Gardner          |
| Iodine value              | ≤ 15 g I <sub>2</sub> /100 g |
| Moisture                  | ≤ 1.5 %                      |
| Neutralization equivalent | ≤ 145 g/eq                   |
| Primary Amine             | ≥ 43 (Mw=129) %              |
| Secondary Amine           | ≥ 43 (Mw=129) %              |

### Characteristics

|                       |   |
|-----------------------|---|
| Appearance            | Liquid at 25°C  |
| Cloud point           | 23 C °C   |
| Equivalent mass       | 133 g/eq  |
| Flash point           | ≥150 C  |
| HLB                   | 17.5 Davies Scale 0-40                                |
| Initial boiling point | ≥300 (760 mm Hg) °C                                   |
| Melting point         | 15 °C   |
| pH                    | ≥10   |
| Pour point            | 21 °C   |
| Specific Gravity      | 0.836(25), 0.824(40), 0.810(60), 0.803(70), 0.796(80) |
| Vapor pressure        | ≤ 0.1 mm Hg @20 C                                     |
| Viscosity             | 10(25) SSU  |

#### Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.