

Duomeen OL

Di-amine, oleyl

Duomeen® OL

Specifications

Amine number	320-350 mg KOH/g
Apparent diamine activity	≥ 89 %
Appearance	Clear liquid at 25°C
Color	0-5 Gardner
Equivalent mass	160-175
Iodine value	≥ 70 g I ₂ /100 g
Moisture	≤ 1 %
Neutralization equivalent	160-175 g/eq
Primary Amine	43-52 (Mw=161) %
Secondary Amine	43-52 (Mw=161) %

Characteristics

Appearance	Liquid at 25°C
Cloud point	20 °C
Equivalent mass	163 g/eq
Flash point	≥150 °C
HLB	15.2 Davies Scale 0-40
Initial boiling point	300 (760 mm Hg) °C
Melting point	12 °C
Pour point	18 °C
Specific Gravity	0.843(25), 0.831(40), 0.817(60), 0.810(70)
Specific Heat BTU/Lb/F	0.606(100), 0.617(140), 0.623(160), 0.641(200) BTU/Lb/F
Vapor pressure	0.3(18), 0.8(43), 1.7(65), 3.9(93) mm Hg @20 °C
Viscosity	19(25), 17(30), 14(35) cp °C

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.