

Armeen HTM-97

Primary Amine

Armeen® HTM-97 is a primary amine that is mostly used in the oil and gas industry as active surfactant.

Specifications

Amine number	207-217 mg KOH/g
Color	≤ 3 (1963) Gardner
Iodine value	≤ 5 g I ₂ /100 g
Moisture	≤ 0.5 %
Neutralization equivalent	259-271 g/eq
Primary Amine	≥ 97 %
Secondary Amine	≤ 3 %

Characteristics

Appearance	Solid at 25°C
Cloud point	45°C °C
Equivalent mass	263 g/eq
Flash point	≥150°C
HLB	8.2 (Davies scale 0-40)
Initial boiling point	275 (760 mm Hg) °C
Latent heat of fusion	~ 261.8 J/g
Melting point	56 °C
Pour point	43 °C
Specific Gravity	0.795 (60°C), 0.791 (70°C)
Specific Heat BTU/Lb/F	0.54 (113-120)
Viscosity	41.4 (65°C), 38.8 (75°C) 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.