

Armeen HT

Hardened tallow amine

Hydrogenated tallow alkyl amines.

Specifications

Amine number	≥ 207 mg KOH/g
Color	0-3 Gardner
Iodine value	0-5 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
Equivalent mass	271 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), 0.791(70)
Specific Heat BTU/Lb/F	0.54(113-120) BTU/Lb/F
Vapor pressure	$\leq 0.1(27)$, $\leq 0.2(71)$ mm Hg @20 °C
Viscosity	41.4(65), 38.8(75) 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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