

Armeen TD

Tallow alkyl amine

Armeen TD is a distilled tallow amine.

Specifications

Amine number	210-220 mg KOH/g
Color	0-1 Gardner
Iodine value	38-54 g I ₂ /100 g
Moisture	≤ 0.5 %
Neutralization equivalent	255-267 g/eq
Primary Amine	≥ 98 %
Secondary Amine	≤ 2 %

Characteristics

Appearance	Solid at 25°C
Boiling point	260-350 (760 mm Hg) °C
Cloud point	43 C °C
Equivalent mass	267 g/eq
Flash point	≥100 C
HLB	8.2 Davies Scale 0-40
Melting point	40 °C
Pour point	35 °C
Specific Gravity	0.814(38), 0.799(60), 0.791(70)
Specific Heat BTU/Lb/F	0.49(77-86), 0.52(99-108), 0.54(113-120) BTU/Lb/F
Vapor pressure	≤ 1 mm Hg @20 C
Viscosity	44.4(45), 40.6(55), 38.8(65), 37.8(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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