

# Arquad T-50

## Tallowalkyltrimethyl ammonium chloride

Arquad® T-50 is a cationic surfactant based on tallow amine - Tallowtrimethylammonium chloride.

### Specifications

Color	≤ 5 Gardner
pH	6-9 (5% in 50/50 2-Propanol/water)
Active content	49-52 (Mw=340.5) %
Free Amine & Amine Salt	≤ 2 (Mw=290/326.5) %
Salt	≤ 1 %

### Characteristics

2-Propanol	35 %
Appearance	Yellow liquid
Density	880 kg/m <sup>3</sup> at 20°C
Flash point, Abel Pensky Closed Cup	21 °C
Foam Height according to Ross-Miles, 50°C, 0.05%	immediately: 165 mm after 5 min: 140 mm
Surface Tension according to Du Noüy, 25°C, 0.1% DIN 53914	33.9 mN/m
Viscosity	25 mPa s at 20°C
Water content	15%
Wetting power according to Draves, 25°C, 0.1%	≥ 600 sec
Solubility: 2-propanol	Soluble
Solubility: Ethanol	Soluble
Solubility: Halpasol	Dispersible / insoluble
Solubility: Propylene glycol	Insoluble
Solubility: Varnolen	Dispersible/soluble
Solubility: Water	Soluble
Solubility: Xylene	Insoluble

#### 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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