

DTFA W1418 - Distilled Tallow Fatty Acid

Produktdatenblatt

Artikelnummer: 40-071

General Information

Chemical name:	Distilled Tallow Fatty Acid
CAS no.	67701-08-0
EC no.	266-932-7
Storage Recommendations:	For bulk storage it is recommended to keep the product in nitrogen flushed tanks.

Specification

Parameter	Unit	Min.	Max.	Method
Acid Value	mg KOH / g	204	212	ISO 660
Titer	°C	42	44	AOCS Cc12-59
Fatty acid composition				
C14	% (m/m)	1	4	internal method
C16	% (m/m)	21	29	internal method
C16:1	% (m/m)	1	4.5	internal method
C18	% (m/m)	16	22	internal method
C18:1	% (m/m)		44	internal method
C18:2	% (m/m)		5.5	internal method
C18:3	% (m/m)		1	internal method

Typical values

Parameter	Unit	Typical
Appearance at room temperature		solid
Colour		white
Odour		typical
Boiling Point	°C	> 200
Flash Point	°C	approx. 180
Self ignition temperature	°C	approx. 325
Vapour pressure at 70 °C	hPa	< 0.1
Vapour pressure at 100 °C	hPa	< 1
Density at 20 °C	kg / m ³	approx. 890
Solubility in water at 70 °C	g / 100 ml	< 0.005
Solubility in organic solvents at 25°C	g / 100 ml	approx. 10
Viscosity at 70 °C	cSt	approx. 12