

# PETER CREMER

NORTH AMERICA, LP

## Stearic and Oleic Acid

4/8/1999

Chemical Properties	Stearic Acids			Oleic Acids	
	FA-1655	FA-1855	FA-1865	FA-1880	FA-1890
Acid Value	208-212	204-209	202-209	198-204	194-202
Iodine Value	0.5 Max.	1 Max.	1 Max.	88-95	105-125
Moisture (%KF)	0.3 Max.	0.3 Max.	0.3 Max.	0.3 Max.	0.3 Max.

## Physical Properties

Titer, (C)	55	55	59		
Color, Gardner (1963)					3 Max.
Color, % Transmittance @ 440nm / 550nm	85/95 Min.	85/95 Min.	85/95 Min.	56/85 Min.	
Color, Lovibond Yellow / Red 5 ¼ " cell	2/0.3 Max.	2/0.3 Max.	2/0.3 Max.	10/1.5 Max.	

## Typical Composition (GC)

Saturated					
C12					
C14					
C15	(2)	(3)	(3)		
C16	(53)	(38)	(31)		(5)
C17					(0.3)
C18	(44)	(58)	(65)		(2)
C18:C16 ratio	<1:1	>1:1			
C20	(1)	(1)	(1)		(0.5)
C22					
Unsaturated					
C16=1					
C18=1				(70)	(56)
C18=2				(11)	(23)
C18=3					(11)
C20=1					
Other Chain Links					5 Max.
CAS Number	57-11-4	57-11-4	57-11-4	112-80-1	112-80-1

Specification  
(Typical value)

