

# PETER CREMER

NORTH AMERICA, LP

## Whole-Cut Split, Distilled Fatty Acids

4/9/1999

Chemical Properties	Coconut Fatty Acids			Tallow Fatty Acids		
	FA-C818H	FA-C8185	FA-C81812	FA-T12181	FA-T12185	FA-T12187
Acid Value	267-273 (271)	266-274 (271)	266-274 (271)	200-208 (203)	200-208 (204)	200-210 (205)
Iodine Value	5 Max. (3.2)	5 Max. (3.2)	12 Max. (6)	34-42 (38)	40-55 (50)	45-70 (60)
Moisture (%KF)	0.3 Max. (0.1)	0.3 Max. (0.04)	0.3 Max. (0.05)	0.3 Max. (0.05)	0.3 Max. (0.05)	0.5 Max. (0.1)

## Physical Properties

Titer, (C)	25	25	23	46	42	39
Color, Gardner (1963)	(<1)	(<1)	3 Max. (2)	(1)	5 Max. (2)	7 Max. (4)
Color, % Transmittance @ 440nm / 550nm	85/95 Min.	85/95 Min.	75/90 Min.	80/93 Min.	75/95 Min.	40/80 Min.
Average Molecular Weight	(207) (154)	(207) (157)	(207) (145)	(276)	(275) (144)	(274) (173)

## Typical Composition (GC)

### Saturated

C8 & Lower	6.5 Min.	9 Max.	9 Max			
C10	6 Min.	5-10	5-10			
C12	46-58	46-58	46-58	(1)	(1)	(1)
C14	16-23	16-23	16-23	(3)	(3)	(2)
C16	6-11	6-11	6-11	(26)	(25)	(22)
C17				(2)	(2)	(2)
C18	8 Max.	8 Max.	8 Max.	(25)	(19)	(18)
C20						

### Unsaturated

C16=1				(2)	(3)	(3)
C18=1	5 Max.	5 Max.	6.5 Max.	(40)	(42)	(43)
C18=2	1 Max.	1 Max.	1 Max.	(1)	(4)	(8)
C18=3					(1)	(1)
C20=1						
Other Chain Links						
CAS Number	67701-05-7	67701-05-7	67701-05-7	67701-06-8	67701-06-8	67701-06-8

Specification  
(Typical value)

