

PRODUCT SPECIFICATIONS

Specification Date: June 6, 2014

CHARACTERISTICS	LAURYL		CETYL	STEARYL		CETEARYL
	CO-1214	CO-1270	CO-1695	CO-1895	CO-1897	TA-1618
Hydroxyl Value	280-290 (285)	285-295 (300)	220-235 (228)	200-215 (204)	200-215 (206)	208-218 (211)
Acid Value	0.1 Max (0.0)	0.1 Max (0.0)	0.5 Max (0.19)	0.5 Max (0.1)	0.5 Max (0.1)	0.5 Max (0.0)
Saponification Value	0.5 Max (0.1)	0.4 Max (0.1)	1.0 Max (0.4)	1.0 Max (0.6)	1.0 Max (0.3)	1.0 Max (1.0)
Iodine Value	0.2 Max (0.1)	0.2 Max (0.04)	1.0 Max (0.8)	1.0 Max (0.8)	1.0 Max (0.4)	1.0 Max (0.3)
Moisture Value (%KF)	0.10 Max (0.04)	0.10 Max (0.04)	0.10 Max (0.05)	0.10 Max (0.04)	0.10 Max (0.03)	0.10 Max (0.03)
Melting Point (°C)	(22)	20-24 (22)	47-50 (49)	56-60 (57)	56-60 (58)	(50)
Color - APHA	10 Max (4)	10 Max (3)	25 Max (3-6)	25 Max (8)	25 Max (9)	25 Max (11)
Appearance	Water White Mobile Liquid			Waxy White Solid		
Typical Composition						
SATURATED (GC)						
C8	0.3 Max (0.1)					
C10 & Lower	1.0 Max (0.5)	1.5 Max (0.3)				
C12	65 Min (68)	68-74 (99)				(0.1)
C14	21-28 (26)	24-30 (0.1)	2.5 Max (0.3)			1.5 Max (0.6)
C16	4-8 (5.6)	1.5 Max	95 Min (96.5)	2.5 Max (0.8)	2 Max	23-33 (30)
C18	0.5 Max (0.0)		4 Max	95 Min (96.6)	97.5 Min (98.2)	65 Min (69)
C20				1.4 Max (0.6)	1.0 Max (0.3)	1.5 Max (0.1)
UNSATURATED						
Hydrocarbon	1 Max (0.3)	1 Max (0.2)	1.5 Max (0.2)	1 Max (0.3)	1 Max (0.2)	1.2 Max (0.1)
CAS Number	67762-41-8	67762-41-8	36653-82-4	112-92-5	112-92-5	67762-30-5

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