

PRODUCT SPECIFICATIONS

Specification Date: June 6, 2014

CHARACTERISTICS	CETYL	STEARYL		CETEARYL
	ADOL 52	ADOL 61	ADOL 62	ADOL 63
Hydroxyl Value	220-235 (228)	200-215 (206)	200-215 (204)	208-218 (211)
Acid Value	0.5 Max (0.19)	0.5 Max (0.1)	0.5 Max (0.1)	0.1 Max (0.0)
Saponification Value	1.0 Max (0.4)	1.0 Max (0.3)	2.0 Max (0.6)	2.0 Max (1.0)
Iodine Value	2.0 Max (0.8)	2.0 Max (0.4)	2.0 Max (0.8)	1.0 Max (0.3)
Moisture Value (%KF)	0.10 Max (0.05)	0.10 Max (0.03)	0.10 Max (0.04)	0.10 Max (0.03)
Melting Point (°C)	47-50 (49)	56-60 (58)	56-60 (57)	(50)
Color - APHA	25 Max (3-6)	25 Max (9)	25 Max (8)	25 Max (11)
Appearance	Waxy White Solid			
Typical Composition				
SATURATED (GC)				
C8				
C10				
C12				(0.1)
C14	2.5 Max (0.3)		(0.1)	1.5 Max (0.6)
C16	95 Min (96.5)	(0.5)	2.5 Max (0.8)	23-33 (30)
C18	(2.5)	97.5 Min (98.2)	95-98 (96.6)	65 Min (69)
C20		2.0 Max (0.3)	0.2-1.4 (0.6)	1.5 Max (0.1)
UNSATURATED				
Hydrocarbon	1.5 Max (0.2)	1.5 Max (0.2)	1.5 Max (0.3)	1.5 Max (0.1)
CAS Number	36653-82-4	112-92-5	112-92-5	67762-30-5

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