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C6/C10 FATTY ALCOHOL

SALES SPECIFICATIONS		CAS Numbers: 112-30-1/111-87-5/111-27-3
PROPERTY	LIMITS	
Total alcohol, Wt. %	99.8 (typ.)	
Average alcohol MW	140 (typ.)	
Color, APHA	-	
Water, Wt. %	0.03 (typ.)	
Iodine number	0.05 (typ.)	
Hydroxyl number	401 (typ.)	
Carbonyl, as ppm C=O	30 (typ.)	
Acidity, as acetic acid, %	0.002 (typ.)	
Acid heat color, APHA	10 (typ.)	
Specific gravity (@ °F/°F)	0.824 (77/ 77) (typ.)	
Flash point, (PM) °F	175 (typ.)	
Melting range, °F	1 - 5	
Boiling range, °F	351 - 459	
Saponification number	0.19 (typ.)	
Viscosity, cSt 70 °F	11 (typ.)	
100 °F	6.4 (typ.)	
Coefficient of thermal expansion lb/gal/ °F	0.00334 (typ.)	

MOLECULAR WEIGHT DISTRIBUTION (100% ALCOHOL BASIS)

C4	-
C6	4.8 (typ.)
C8	43.2 (typ.)
C10	51.3 (typ.)
C12	0.7 (typ.)
C14	Trace (typ.)