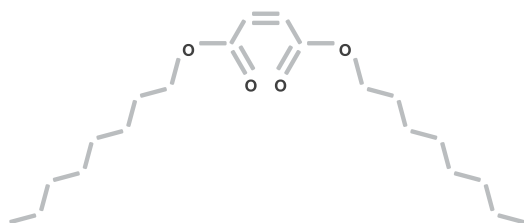


Diocetyl Maleate

TECHNICAL DATA SHEET

PROPERTY	SPECIFICATION LIMITS	UNIT OF MEASURE	TYPICAL ANALYSIS
COLOR	40 MAX	APHA	10
REFRACTIVE INDEX	1.444 - 1.456	@ 27 °C	1.446
VOLATILE LOSS	0.2 MAX	%	0.14
ESTER VALUE	327 - 333	mg KOH/gm	330.58
ACIDITY	0.02 MAX	% (AS MALEIC ACID)	0.0028
MOISTURE	0.1 MAX	%	0.050
SPECIFIC GRAVITY	0.94 - 0.96	@ 27 °C	0.943
HEAT STABILITY	50 MAX	HU (AT 180 °C FOR 2 HOURS)	no change
PLASTICIZING ESTERS	99.0 MIN	% BY GLC	99.83

STRUCTURAL FORMULA



CHEMICAL FORMULA

mol. weight: 340.5 g/mol

