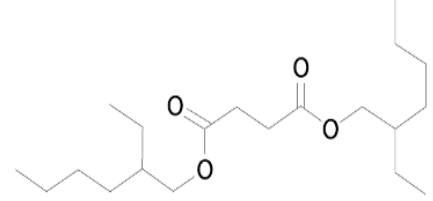


BIOMELFLEX®

(Di(2-ethylhexyl)butanedioate)

CAS NUMBER: 2915-57-3
MOLECULAR FORMULA: C₂₀H₃₈O₄
MOLECULAR WEIGHT: 342,513 g/mol



PARAMETERS	VALUE	METHODS
ESTER %	≥ 99,5	ASTM D3465
REFRACTIVE INDEX n _{20D} (20°C)	1,4450±0,003	ASTM D1045-08 (D1218)
SPECIFIC GRAVITY 20/20°C (g/cm ³)	0,930±0,01	ASTM D1045-08 (D287-D4052)
VISCOSITY (cP) 20°C	20±5	BROOKFIELD METHOD
ACIDITY(as mgKOH/g) (%)	0,10 Max.	ASTM D1045-08
WATER CONTENT (Karl Fischer) %	0,01 Max.	ASTM D1045-08 (E203)
OPEN CUP FLASH POINT (COC),°C	160 Min.	ASTM D-92
COLOR (Pt-Co Scale) (Hazen)	30 Max.	ASTM D1045-08 (D1209)

Applications:

BIOMELFLEX® is a bio-based plasticizer with outstanding performances for low temperature uses and applications in an oily environment. Suggested applications include flooring, food cling wraps and adhesives & sealants.