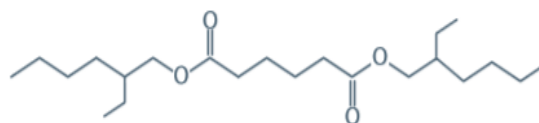


D.O.A.

DI 2-ETHYLHEXYL ADIPATE



D.O.A. is primarily employed due to its excellent low-temperature flexibility. Demonstrating high compatibility with PVC, rubber, and nitrocellulose, D.O.A. is frequently utilized in food-contact applications owing to its favorable toxicological profile. Chemically stable and resistant to heat-induced discoloration, D.O.A. exhibits exceptional solvating properties, making it a suitable plasticizer for plastisol formulations.

PROPERTIES	LIMIT	TYPICAL VALUE	UNIT	TEST METHODS
Density (20°C)	0,924 – 0,926	0,924	gr/cm ³	ASTM D287-12B
Refractive Index (20°C)	1,446 – 1,448	1,447		ASTM D1218-12
Acidity	0,1 max.	0,05	mgKOH/g	ASTM D1045-08
Viscosity (20°C)	13 – 15	13	mPa.s	ASTM D445-12
Flash Point	> 210	212	°C	ASTM D92-12B
Ester Content	99,5	99,8	%	GC
Water Content	0,05 max.	0,03	%	ASTM E1064-16
Colour	20 max.	5	Hazen	ASTM D1209-00
Cas No	103-23-1			
EC No	203-090-1			

