

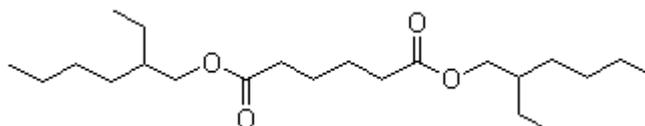
TECHNICAL DATA SHEET

NAME OF COMMODITY: Bis(2-Ethylhexyl) Adipate (DOA)

CAS NO.: 103-23-1

MOLECULAR FORMULA: C₂₂H₄₂O₄

MOLECULAR WEIGHT: 370.57



STRUCTURE FORMULA:

TESTS	SPECIFICATIONS
Appearance	Clear Liquid
Ester Content	99.0% Min
Acidity As Adipic Acid	0.05% Max
Color (Pt-Co)	25 Apha Max
Moisture	0.05% Max
Refractive Index	1.443-1.449

APPLICATION:

DOA is a typical cold-resistant plasticizer, with high plasticizing efficiency at high temperature, small color changing rate at heated condition and is applicable to polychloroethene, chlorovinyl copolymer, polystyrene, synthetic rubber as well as many kinds of resins.

DOA allows the products to have good low-temperature softness, UV resistance, and good handling properties. It can be used with DOP, DBP, etc.

DOA is used to produce cold-resistant agricultural membranes, packing membranes for refrigerated foodstuffs, covering layers of wires and cables, artificial leather, plank materials and water pipeline, etc.

PACKING: net 190kg drums; 15.2 mt / 20' fcl, palletized or ISO tank