

PRODUCT SPECIFICATION

Diethyl Adipate (DOA)

Chemical Name : Diethyl Adipate

Molecular Formula : C₂₂H₄₂O₄ **Molecular Weight** : 370.5

HS Code : 29171200 **CAS number** : 103-23-1

UN Code : Not Applicable **DG Class/PKG GP** : Not Applicable

Applications : DOA is a typical cold plasticizer of polyvinyl chloride, vinyl chloride copolymers, polystyrene, cellulose nitrate, ethyl cellulose and synthetic rubber. High plasticized efficiency, good thermal stability, products can be given to low-temperature flexibility and good lightfastness. DOA is used with the DOP, DBP plasticizer for cold agricultural film, frozen food packaging film, wire and cable coating, leather etc.

Packaging : 190kg per drum, 15.2MT per 20-ft FCL container with pallet
950kg per IBC drum, 19MT per 20-ft FCL container

Characteristics	Unit	Guaranteed Values
Appearance	-	Colorless transparent liquid
Ester content	%	99.50 Min
Moisture	%	0.1 Max
Acid Value	mgKOH/g	0.1 Max
Color (APHA)	-	30 Max
Flash point	°C	190 Min