

TECHNICAL DATA SHEET

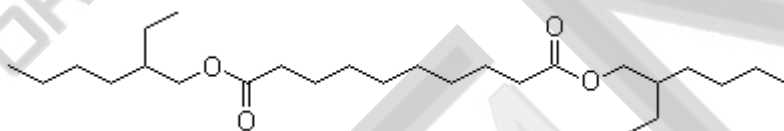
NAME OF COMMODITY: Dioctyl Sebacate (DOS)

CAS NO.: 122-62-3

MOLECULAR FORMULA: C₂₆H₅₀O₄

MOLECULAR WEIGHT: 426.68

STRUCTURE FORMULA:



TESTS	SPECIFICATIONS
Appearance	Colorless Clear Liquid
Specific Gravity (20/20°C)	0.913 - 0.919
Color (Pt-Co Scale)	30 Max
ACID VALUE (KOH mg/g)	0.1% Max
Ester	99.0% Min
Refractive Index @25°C	1.448 - 1.450
Water	0.1% Max

APPLICATION:

Dioctyl sebacate is excellent for cold-plasticizers and offers high efficiency with low volatility. It has excellent cold resistance, better heat resistance, electrical insulation and light fastness.

DOS is applicable to the industrial processing of PVC, chlorine ethylene copolymer, ester cellulose nitrate, ethyl cellulose, synthetic rubber and other resins.

It's particularly applicable to product cold-resistant wire and cable materials, leather, film, panel, sheet. DOS is usually combined with phthalate esters. As a plasticizer for certain low-temperature synthetic rubbers, the heat from vulcanization is of no effect.

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