

DOM (Di 2-ethyl hexil Maleate)

Description/Applications

DOM is a plasticizer used in several applications of the plastic segment due to its flexibility in PVC and other thermoplastics at low temperatures. It is used for copolymerization reactions with other monomers as Vinyl Acetates, Acrylates and Styrene. It is also used as an intermediate in the manufacture of adhesives, additives and synthetic lubricants as well as in the paper, paints and textile industries

Specifications	Unit	Values
Ester content	% CG	99.0 min.
Color	Pt / Co	50 max.
Density , (20/4 °C)		0.941 – 0.945
Free Acidity	mg KOH / g	0.10 max.
Water	% Weight	0.20 max.

- This product is guaranteed since it is stored and packaged as described below.

Physical Properties	Unit	Values
Chemical formula		$C_{20}H_{36}O_4$
Molecular weight		340
Refractive index, 25 °C		1.454
Flash point	°C	182
Viscosity, 25 °C	cP	14,4
Boiling point	°C	209
Physical state		Liquid

- The properties' values above are just for reference, and not to be considered as guaranteed parameters.

PACKAGING :

Bulk : In stainless steel tank cars.

Packed: Drum, volumetric capacity 200L.

Miniteps , volumetric capacity 1000L.

STORAGE :

Bulk : in tank cars made of stainless steel, aluminum or strength plastic, closed and provided with air escapes.

Packed: in steel carbon tanks, closed with vents to avoid humidity. Drums have to be stored in covered, dry and aired area, protected from solar rays. Drums storage can be either horizontal or vertical (with the mouths directed toward top), on plain floor, with the use of adequate supports.