

DBM (Di Butyl Maleate)

Description/Applications

Plasticizer used mainly as a comonomer in copolymerization reactions with other monomers of the vinylic type such as PVC. It is also used in the manufacturing of plastisols, adhesives, additives and synthetic lubricants. The copolymers formed with vinyl acetate and DBM are used in the manufacturing of paints, giving them a higher flexibility, stability to water and ultra violet light, besides a higher adherence.

Specifications	Unit	Values
Ester content	% CG	99.0 min.
Color	Pt / Co	30 max.
Density , (20/4 °C)		0.993 – 0.999
Free Acidity	mg KOH / g	0.05 max.
Water	% Weight	0.30 max.

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

Physical Properties	Unit	Values
Chemical formula		$C_{12}H_{20}O_4$
Molecular weight		228
Refractive index, 25 °C		1.445 ± 0.002
Flash point	°C	140
Viscosity, 25 °C	cP	7
Boiling point	°C	300
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.

STORAGE :

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