



宁波东博新能源有限公司
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Technical Data Sheet

Technical Name: Epoxy Fatty Acid Methyl Ester (Epoxy Oil)

CAS #: 8604-76-0

Appearance: Clear, yellowish oily liquid mild odor

Technical Parameters:

	Min	Max
Purity/Ester Content	99.0%	
Acid Value, Mg KOH/G		0.5
Epoxy Value, Mmol/g	4.2	
Moisture		0.03%
COLOR APHA		50
Specific Gravity @ 20C	0.925	0.945

Applications:

Epoxy fatty acid methyl ester is colorless or light yellow liquid at ambient temperature. It is a new type of environmental friendly plasticizer with vegetable oil as raw material. It can replace all kinds of main plasticizers such as DOTP, DOP, DBP, DINP.

Epoxy fatty acid methyl ester is widely used in PVC foam PVC calendering film, artificial leather, garment leather, wire and cable, disposable PVC gloves, children's toys, infusion tube, medical equipment, refrigerator seals, food packaging film, floor leather, advertising cloth.

At the same time, epoxy fatty acid methyl ester has good lubricity, compatibility and dispersion. It can also be used as surfactant and dispersant in epoxy coating, epoxy resin and other industries.

Packing: 180kg/drum; 900kg /IBC tank, 20ton/flexitank;

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