



Paydar Saz Shimi

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Epoxy Fatty Acid Methyl Ester (EFAME)

Product Description:

EFAME is a Epoxy Fatty Acid Methyl Ester.

Applications:

Epoxy fatty acid methyl ester (EFAME), made directly from natural vegetable oil through esterification and epoxidation, is an environmental epoxy softener. It has a very good process ability compared to low-cost PVC products and can partially or even completely replace phthalate plasticizers for PVC products.

EFAME has the same plasticizing effect as DOP, its heat resistance and volatility are better than DBP. And other functions are better than ordinary secondary softener, such as cold tolerance, percolation, UV resistance, electrical property, etc.

Application

EFAME can effectively replace DOP and DBP in the production of PVC products, contributing 20-30%.

Total amount of softeners. Fatty acid methyl ester epoxy has a higher flash.

High epoxy point and value, mainly used for high quality soft PVC products, such as PVC foam leather.

Electrical clothing leather, wire, cable, etc.

DISCLAIMER: To the best of our knowledge the information stated here is correct. All products may present unknown health hazards and should be used with caution. Final determination of suitability is the sole responsibility of the user. Users of the products should satisfy themselves that the conditions and methods of use assure that the product is used safely. No representation or warranties either express or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information contained herein or the product to which the information refers. Nothing herein is intended as a recommendation to use our products so as to infringe any patent. We assume no liability for customer's violation of patent or rights.



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Typical Properties:

Assay	Units	TYPICAL VALUES
Appearance	==	Light yellow transparent oily liquid
Epoxy value	% min	4.8
Iodine Value	%	6 (max)
Acid value	%	0.5 (max)
Moisture	%	0.2 (max)
Flash Point (Open Cup)	°C ≥	175
Density 20°C	g/cm ³	0.925-0.945

Information for safe handling:

Open and handle receptacle with care.

Storage:

Keep tightly closed. Keep container closed when not in use.

Standard Packaging:

200 Kg barrel, conform to the UN regulation

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