ELONMEK
Tianjin Yining Meike Fine Chemical Co., Ltd.
No.197 Yuguan Road, Hebei District, Tianjin 300400, China

Technical Data Sheet
www.elonmek.com
fwj.tjs@gmail.com

2030L / 121L Silicone-Free Polyether Emulsion Defoamer

Grades: 2030L, 121L · Form: Silicone-free polyether emulsion · Chemistry group: Silicone-Free Emulsion

1. Product description

Polyether emulsion defoamer free of silicone. Non-toxic, no-spots, low hygroscopicity and chemically stable. Does not interfere with culture strains, so it is safe for fermentation.

2. Typical properties

Property	2030L	121L
Appearance	White emulsion	White emulsion
Active content	≥20.0	≥35.0
Viscosity (25 °C, mPa·s)	500-2500	500-2500
pH	5.5-7.5	5.5-7.5
Ionic type	Non-ionic	Non-ionic

Values in the table are typical and indicative. They describe the grade as normally supplied and are not a contractual specification; the values confirmed for your order are those stated on the order confirmation.

3. Typical applications

Power plant FGD · Landfill leachate · Food and pharmaceutical · Microbial fermentation · Synthetic lubricating oil · Chemical fibre · Pulp and paper · Dyeing and printing · PVA production washing

4. Product characteristics

· Non-toxic, no silicone spotting
· Low hygroscopicity
· Excellent chemical stability
· Does not affect culture requirements
· Suitable wherever silicone is not allowed

5. Addition and dilution

Typical addition is 0.05–0.5 % on the weight of the foaming system, established in your own trial at process temperature. Emulsion grades are normally diluted with water before addition and added continuously where the foam forms continuously. Diluted emulsions are used within the working shift; do not store them long term.

6. Packaging and storage

Supplied in the packing agreed for the order — drums, IBC totes or composite cartons for powder grades. Store in the closed original packing, out of direct sunlight, within 5–35 °C, and protect emulsions from freezing. Shelf life is stated on the product label; batches are traceable by lot number.

7. Safety and documentation

A model-specific GHS safety data sheet is issued on request for every model listed above; it is not reproduced here because classification follows the exact grade and the destination regulation. Handling guidance for the family: avoid eye and skin contact, use gloves and goggles, ensure ventilation, and do not discharge concentrates to drains.

8. Contact

Tianjin Yining Meike Fine Chemical Co., Ltd.
No.197 Yuguan Road, Hebei District, Tianjin 300400, China
Email: fwj.tjs@gmail.com · Tel / WhatsApp: +86 185 2653 6999
Website: www.elonmek.com/contact — samples and application review on request.

Issued by the ElonMek technical team, Tianjin. This sheet is provided for product introduction and evaluation; it does not constitute a warranty or a delivery commitment.