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

1101-2 / 1817 Polyether Ester Defoamer for Polycarboxylate Admixtures

Grades: 1101-2, 1817 · Form: Polyether ester (silicone-free) · Chemistry group: Polyether

1. Product description

High-carbon polyether-ester defoamer developed for the concrete admixture industry, especially polycarboxylate water reducers. Removes harmful foam while preserving air-entrainer bubbles.

2. Typical properties

Property	1101-2	1817
Appearance	Cloudy oily liquid	Oily liquid
Active content	≥95.0	≥95.0
Viscosity (25 °C, mPa·s)	300-1800	300-1500
pH	5.0-7.5 5.0-7.5	5.0-7.5 5.0-7.5

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

Polycarboxylate water reducers · Ready-mixed concrete · Concrete admixture manufacturing

4. Product characteristics

· Removes harmful foam of all sizes
· Preserves beneficial air-entrainer bubbles
· Improves concrete pore structure and controls air content
· No effect on compressive, flexural or slump strength
· Does not break emulsion or form an oil ring
· Excellent alkali resistance

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.