ELONMEK
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Technical Data Sheet
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Capped Polyether and Polyether Defoamer Base

Grades: Capped Polyether, Polyether Defoamer Base · Form: Polyether · Chemistry group: Defoamer Raw Materials

1. Product description

Block or random copolymers from propylene glycol, glycerol or other starters with propylene oxide and ethylene oxide. Non-toxic, efficient, no spotting, low hygroscopicity.

2. Typical properties

Property	Capped Polyether	Polyether Defoamer Base
Appearance	Transparent or pale yellow oily liquid	Transparent or pale yellow oily liquid
Viscosity (25 °C, mPa·s)	100-900	100-900
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

Defoamer manufacturing · Synthetic lubricating oil · Chemical fibre · Pulp and paper · Dyeing and printing · Food and pharmaceutical · Microbial fermentation, especially citric acid · PVA production washing · Oilfield drilling mud

4. Product characteristics

· Non-toxic
· Efficient
· No spotting
· Low hygroscopicity
· Excellent chemical stability
· Usable as emulsifier or surfactant

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

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