ELONMEK
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Technical Data Sheet
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70104B Broad-Spectrum Polyether Fatty-Acid-Ester Defoamer

Grades: 70104B · Form: Polyether fatty-acid ester · Chemistry group: Mineral Oil & Polyether Ester

1. Product description

Broad-spectrum polyether fatty-acid-ester defoamer that eliminates or suppresses foam in aqueous systems. Outstanding in water-soluble polymer and medium-to-high viscosity systems.

2. Typical properties

Property	70104B
Appearance	Pale yellow transparent liquid at ambient temperature; a small amount of sediment forms below 5 °C
Active content	95.0±1.0
Viscosity (25 °C, mPa·s)	100-1500
Ionic type	Non-ionic
Flash point (°C)	■165

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

Adhesives · FGD agents · Paper coating · Water-based inks · Drilling mud · Architectural coatings · Chemical fibre oils · Industrial cleaning

4. Product characteristics

· Eliminates and inhibits foam in aqueous systems
· Excellent in water-soluble polymer systems
· Excellent in medium to high viscosity systems

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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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.