ELONMEK
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Technical Data Sheet
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AC30 / AC50 Silicone-Polyether Broad-Spectrum Emulsion Defoamer

Grades: AC30, AC50 · Form: Silicone-polyether emulsion · Chemistry group: Silicone & Ether

1. Product description

Economical broad-spectrum room-temperature emulsion defoamer for water-based systems. Fast foam break, excellent dispersion, and it stays stable after dilution.

2. Typical properties

Property	AC30	AC50
Appearance	White emulsion	White emulsion
Active content	15.0±1.0	30.0±1.0
Viscosity (25 °C, mPa·s)	400-2500	500-3500
pH	6.0-8.0	6.0-8.0
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

Water-based coatings · Water-based adhesives · Textile printing · Industrial cleaning · Wastewater treatment · Pulp and paper

4. Product characteristics

· Fast foam-breaking speed
· Excellent dispersion
· No creaming or oil-ring after dilution
· For use below 60 °C
· Cost-effective general-purpose grade

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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