ELONMEK
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Technical Data Sheet
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3020 / 3020A Fatty Alcohol-Silicone Emulsion Defoamer

Grades: 3020, 3020A · Form: Fatty alcohol-silicone emulsion · Chemistry group: Silicone & Ether

1. Product description

Fatty alcohol-silicone emulsion defoamer with excellent alkali, temperature and shear resistance. Stable, no gel formation, and it improves black liquor filter drainage.

2. Typical properties

Property	3020	3020A
Appearance	White emulsion	White emulsion
Active content	30.0±1.0	15.0±1.0
Viscosity (25 °C, mPa·s)	500-3500	400-2500
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

Pulp and paper · Black liquor · Wastewater treatment · Landfill leachate · Textile · Power plant FGD · Water-based adhesives · Other aqueous systems

4. Product characteristics

· Excellent alkali, temperature and shear resistance
· No gel formation
· Continuous foam control at low dosage
· Rapid improvement of black liquor filter drainage
· Good compatibility with black liquor
· High concentration, high value

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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