ELONMEK
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Technical Data Sheet
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2545 / 1210 Silicone-Polyether Broad-Spectrum Emulsion Defoamer

Grades: 2545, 1210 · Form: Silicone-polyether emulsion · Chemistry group: Silicone & Ether

1. Product description

Cost-effective broad-spectrum room-temperature silicone-polyether emulsion. Two active levels let you match dosage to foam load without changing grade.

2. Typical properties

Property	2545	1210
Appearance	White emulsion	White emulsion
Active content	24.0±1.0	13.0±1.0
Viscosity (25 °C, mPa·s)	500-2500	400-2000
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 · Adhesives · Textile · Industrial cleaning · Pulp and paper · Water treatment

4. Product characteristics

· Fast foam-breaking speed
· Excellent dispersion
· No creaming or oil-ring after dilution
· For use below 60 °C
· Two active-content options

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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