ELONMEK
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Technical Data Sheet
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663-10 / 663-20 / 6557 High-Content Silicone-Polyether Defoamer

Grades: 663-10, 663-20, 6557 · Form: Silicone-polyether emulsion · Chemistry group: Silicone & Ether

1. Product description

High-efficiency emulsion defoamer from modified polysiloxane and high-carbon polyether. Especially effective in pulp making, black liquor washing and landfill leachate.

2. Typical properties

Property	663-10	663-20	6557
Appearance	White emulsion	White emulsion	White emulsion
Active content	30.0±1.0	33.0±1.0	33.0±1.0
Viscosity (25 °C, mPa·s)	200-1500	300-1800	300-1800
pH	5.5-7.5	5.5-7.5	5.5-7.5
Ionic type	Non-ionic	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 washing · Landfill leachate · Textile dyeing · Wastewater treatment · Power plant FGD · Fermentation · Biopharmaceutical · Water-based adhesives

4. Product characteristics

· Fast foam-breaking speed
· Excellent dispersion
· Good storage stability
· Excellent degassing performance
· High active content

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.