ELONMEK
Tianjin Yining Meike Fine Chemical Co., Ltd.
No.197 Yuguan Road, Hebei District, Tianjin 300400, China

Technical Data Sheet
www.elonmek.com
fwj.tjs@gmail.com

Fumed Silica and Tributyl Phosphate

Grades: Fumed Silica #2, V15, V200, V380 · Form: Powder and liquid · Chemistry group: Defoamer Raw Materials

1. Product description

Highly dispersed transparent silica with high specific surface and pore volume, plus tributyl phosphate as a defoamer synergist. Models V15, V200 and V380.

2. Typical properties

Property	Fumed Silica #2	V15	V200	V380
pH (4% dispersion)	3.6-4.4	3.8-4.3	3.6-4.5	3.6-4.5
Appearance (TBP)	Colourless transparent liquid	Colourless transparent liquid	Colourless transparent liquid	Colourless transparent liquid
Density (TBP, g/cm³)	0.850-0.980	0.850-0.980	0.850-0.980	0.850-0.980
Solubility (TBP)	Soluble in many solvents, insoluble in water	Soluble in many solvents, insoluble in water	Soluble in many solvents, insoluble in water	Soluble in many solvents, insoluble in water

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

Silicone rubber reinforcement and filling · Glass and structural sealants · Adhesives · Paints and coatings as thickeners · Printing and pharmaceutical · Defoamer compounding

4. Product characteristics

· High specific surface area and pore volume
· Strong adsorption of solvents and oils
· Multiple models for different rheology targets
· Standard filler-reinforcement grade for silicone rubber

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

Tianjin Yining Meike Fine Chemical Co., Ltd.
No.197 Yuguan Road, Hebei District, Tianjin 300400, China
Email: fwj.tjs@gmail.com · Tel / WhatsApp: +86 185 2653 6999
Website: www.elonmek.com/contact — samples and application review on request.

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.