

Properties

OTERSIL AL50 is a sodium silicate product. In detergent formulations, it is used as a builder, and has dispersing, wetting, and emulsifying properties. It contributes as well to the cleaning itself.

Applications

OTERSIL AL50 is used in the production of spray dried household laundry detergents, as well as a variety of industrial cleaning detergents.

Product characteristics

Total Solids (w/w)	45.0 % ± 1%
Ratio SiO ₂ /Na ₂ O (w/w)	2.0 ± 0.1
Specific Gravity (Deg. Bé @ 20°C)	51 ± 1
Total metal (Al ₂ O ₃ , Fe ₂ O ₃ , MgO, CaO)	0.3 % Max
Viscosity (cp @ 20°C)	500 - 800

Storage

Under proper storage conditions, liquid silicates are stable indefinitely. Storage tanks and lines can be constructed of iron or steel.

Packing

The product can be delivered in 300 kg Drums or by road tankers.