

Yoke Chemicals and New Materials (Shanghai) Co., Ltd.

and its subsidiaries Shekoy Chemicals Europe and USA

Technical Data Sheet

SilGuard YK-2102

General Description and Use

SilGuard YK-2102 is a non-hydrolyzable organosilicone block copolymer surfactant that is particularly suited for the production of rigid polyurethane foam using (cyclo)pentane as blowing agent. This allows the production of materials having the lowest K-factor.

Strong emulsifier, Silguard YK-2102 leads to the formation of regular, fine cell-structured foam of even density exhibiting low thermal conductivity.

Typical SilGuard YK-2102 loading is 2.0 php.

Typical Properties ¹⁾

Physical appearance	Slightly yellow transparent liquid
Viscosity @ 25°C, cPs	900-1500
pH	4.8
Water content, wt%	≤ 0.3
Specific gravity @ 25°C	1.067
Solubility in Water	yes
Flash point, ASTM D93, °C	< 100

1) Please refer to the Certificate of Analysis for exact properties

Safety Information

Yoke Chemicals and New Materials (Shanghai) Co., Ltd. is committed to the health and safety of its customers and employees.

Avoid breathing vapour and mist. In case of direct contact with eyes or skin, rinse immediately with plenty of water and seek medical advice. In case of ingestion, rinse mouth with water and seek medical advice.

In any case wear suitable protective clothing and do consult the material safety data sheet of this product prior to utilization.

Handling and Shipping Information

Product is available in totes (1250 l), drums (250 l / 55 US Gallons) and Pails.

Product must be stored in dry, cool area away from direct sun exposure and kept away from humidity and water contamination. Handle in accordance with good professional hygiene and safety procedures. Use in well ventilated areas.

In case of spillage, use a shovel or any other appropriate tool to collect the spill and place it into a chemical waste container. Do prevent spill from entering water supplies or water courses.

Contacts

May you require any further information regarding this product or any other product commercialized by the Jiangsu Yoke Technology Corporation, please do contact one of our following facilities at your best convenience:

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