

Description	BLUESIL SP 3300 is a non hydrolysable silicone polyether copolymer.
Examples of applications	<p>BLUESIL SP 3300 acts as a surface tension reducer and helps to form a continuous film on surfaces because of its excellent wetting and spreading properties.</p> <p>As a result of its unique properties, BLUESIL SP 3300 can be used in a wide variety of applications :</p> <p><u>-Textile:</u> BLUESIL SP 3300 imparts its anti static properties to spun fibres and yarns or to spin finish formulations. It also provides hydrophilicity and softening to woven and non woven textiles.</p> <p><u>-Antifoam:</u> BLUESIL SP 3300 can be used as a foam control agent in some systems (petroleum solvents, diesel fuel ...). It is also used as an antifoam booster in various antifoam formulations.</p> <p><u>-Release:</u> BLUESIL SP 3300 allows efficient release of various elastomers and can be used in water based formulations. It also confers anti static properties. Its foam control properties result in a smooth surface in thermoplastic and thermoset demoulding applications. Its organic compatibility permits efficient cleaning and minimizes interference with post-moulding operations such as painting or bonding.</p> <p><u>-Maintenance products:</u> BLUESIL SP 3300 can be used in different maintenance products formulations, such as anti fog, cleaners and polish. It helps to form a continuous film on treated surfaces because of its good spreading properties. BLUESIL SP 3300 has good anti fog and anti static properties. BLUESIL SP 3300 gives a glossy aspect and a soft and dry touch (non oily). It helps to protect the surfaces against soil, dust and rain.</p> <p><u>-PU foams:</u> BLUESIL SP 3300 is a high performance polyurethane foam cell control agent. BLUESIL SP 3300 can be used in various foaming mediums: in rigid systems, it gives uniform foam, with small cells and a large amount of closed ones. It also gives excellent performance in flexible foams where it imparts excellent flowability, firmness and strength during rise.</p>

Key benefits

- Soluble in water, alcoholic and hydroalcoholic solutions.
- Hydrolytically and chemically stable.
- Excellent Hydrophilicity.
- Non-ionic surfactant with low surface tension.
- Excellent wetting and spreading agent.
- Good anti-static.
- Lubricant for rubber and plastic.
- Foam control agent.
- Release properties.
- Anti-tack agent.
- Good organic compatibility.

Typical properties

Properties	BLUESIL SP 3300
Appearance	clear liquid
Colour	colourless to light yellow
Viscosity (at 25°C, cPs, approx.)	1 800

BLUESIL SP 3300

Technical Data Sheet n° 1467-V3 – 2019/12/10

Specific gravity (at 25 °C, approx.)	1.04
Cloud point, (°C, approx.)	45
Flash point, (°C, approx.)	180
Surface tension (*mN/m -or dynes/cm - approx.)	23

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

Instruction of use	<p>Complete solubility of BLUESIL SP 3300 is achieved only if processing temperature is below the cloud point. At higher temperatures, the product in an aqueous solution precipitates, but this phenomenon is quite reversible.</p> <p>For maintenance products application, BLUESIL SP 3300 is generally used in concentration of 2 to 3 % depending on the application.</p> <p>Typical anti fog formulation:</p> <ul style="list-style-type: none">· BLUESIL SP 3300..... 2 %· GEROPON DOS (supplier: Solvay)..... 0.5 %· HEXYLENEGLYCOL..... 0.3 %· RHODASURF 860/P (supplier: Solvay)..... 0.2 %· ALCOHOL AT 95°97 %
Regulation	Please consult your local ELKEM SILICONES sales office.
Limitations	Please consult your local ELKEM SILICONES sales office.
Packaging	<ul style="list-style-type: none">• BLUESIL SP 3300 is available in<ul style="list-style-type: none">○ Drum of 200 KG (441 LB)○ Tote bin of 1000 KG (2205 LB)
Storage and shelf life	<p>When stored in its original packaging:</p> <p>BLUESIL SP 3300 may be stored at temperatures between -20°C / -4°F and 50°C / 122°F for up to 36 months from its date of manufacturing.</p> <p>Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.</p>
Safety	Please consult the Safety Data Sheet of: BLUESIL SP 3300

Visit our website www.silicones.elkem.com

Warning to the users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELKEM SILICONES guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELKEM SILICONES is at their disposal to supply any additional information.