

BLUESIL TAP GRS

Description	<p>BLUESIL TAP GRS is a silicone paste based on polydimethyl siloxane oil and inert fillers. This paste is especially intended for use in industrial lubrication applications. It is used in industry and in laboratories to grease taps and valves that operate at very high or low temperatures or that are used with water or corrosive chemicals.</p>																
Examples of applications	<ul style="list-style-type: none"> • Anti-seizing: greasing of metal taps and fittings and of laboratory glassware. • Greasing of slow or low speed coefficient mechanisms, in very humid or corrosive atmospheres. • Assembly of elastomer seals O-rings for easy fitting and better protection. • Protection of moving parts in an environment in which there is a high risk of liquid splashing. The high water repellency of silicone pastes give excellent results in terms of water wash out. 																
Key benefits	<ul style="list-style-type: none"> • Highly water repellent resists very well to water wash out. • Very little variation in viscosity as a function of temperature. • Resistance to extreme temperatures of between – and + in continuous use and of over when exposed for short periods. • Chemically inert: non corrosive on metals and no plasticising effect on rubbers or plastics. • Resistance to chemical agents: resists to solvents, remains unaltered by mineral and vegetal oils, resists oxidation and does not gum up. 																
Typical properties	<table border="1"> <tr> <td data-bbox="432 954 962 1010">Colour</td> <td data-bbox="962 954 1500 1010">Translucent to whitish</td> </tr> <tr> <td data-bbox="432 1010 962 1066">Specific gravity at 25°C</td> <td data-bbox="962 1010 1500 1066">1.0</td> </tr> <tr> <td data-bbox="432 1066 962 1122">Apparent viscosity, Pa.s</td> <td data-bbox="962 1066 1500 1122">1.5</td> </tr> <tr> <td data-bbox="432 1122 962 1207">Worked penetration, 1/10th mm, approx <small>(Standards ASTM D217, NFT 6012, DIN 51804)</small></td> <td data-bbox="962 1122 1500 1207">220</td> </tr> <tr> <td data-bbox="432 1207 962 1328">Unworked penetration, after 24 hours, 1/10th mm, approx <small>(Standards ASTM D217, NFT 6012, DIN 51804)</small></td> <td data-bbox="962 1207 1500 1328">200</td> </tr> <tr> <td data-bbox="432 1328 962 1384">Bleeding after 24 h at 200 °C, %</td> <td data-bbox="962 1328 1500 1384"><5</td> </tr> <tr> <td data-bbox="432 1384 962 1440">Evaporation after 24 h at 200 °C, %</td> <td data-bbox="962 1384 1500 1440"><2</td> </tr> <tr> <td data-bbox="432 1440 962 1489">Operating temperature range, °C</td> <td data-bbox="962 1440 1500 1489">- 40 to +200</td> </tr> </table> <p>Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.</p>	Colour	Translucent to whitish	Specific gravity at 25°C	1.0	Apparent viscosity, Pa.s	1.5	Worked penetration , 1/10th mm, approx <small>(Standards ASTM D217, NFT 6012, DIN 51804)</small>	220	Unworked penetration , after 24 hours, 1/10th mm, approx <small>(Standards ASTM D217, NFT 6012, DIN 51804)</small>	200	Bleeding after 24 h at 200 °C, %	<5	Evaporation after 24 h at 200 °C, %	<2	Operating temperature range, °C	- 40 to +200
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Instruction of use	<p>It is recommended that BLUESIL TAP GRS be applied to clean dry surfaces. It may be applied using a brush, paint brush, spatula or grease gun.</p> <p>When applying a thin coat, it is possible to dilute the product in an aliphatic, aromatic or chlorinated solvent.</p> <p>Equipment may be cleaned using the same solvents.</p>																
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 TAP GRS is available in <ul style="list-style-type: none"> ○ Piece of 1 KG (2.21 LB) ○ Drum of 25 KG (55.13 LB) ○ Piece of 0.1 KG (0.22 LB) 																
Storage and shelf life	When stored in its original packaging:																

BLUESIL TAP GRS

BLUESIL TAP GRS may be stored at a temperature below 40°C / 104°F for up to 36 months from its date of manufacturing.

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.

Safety

Please consult the Safety Data Sheet of:
BLUESIL TAP GRS

Visit our website www.elkem.com/silicones/

Warning to the users

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