

INDUSTRY
SOLUTIONS.

Material
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SMART CHEMISTRY
WITH CHARACTER.

SILSO LITE 21045

SILICONE FOAM

- ▶ Density reduction
- ▶ Thermally insulating
- ▶ Electrically insulating
- ▶ Flame-retardant

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SILICONE FOAM SILSO LITE 21045

Material savings and weight reduction are playing an increasingly important role in many areas. Lightweight components which are used in electric vehicles, for example, increase energy efficiency and optimize vehicle utilization.

SilSo Lite 21045 from the CHT Group has been specifically developed to produce lightweight components in a variety of industries. The wide range of applications include electronic potting, seals, vibration damping and insulation of temperature and of electrical currents, among many others. The material is an addition-curing 2-component silicone which is processed at a 1:1 mixing ratio by injection molding.



WHAT ARE THE SPECIAL FEATURES OF SILSO LITE 21045?

- ▶ Material savings
- ▶ Density reduction up to 0.6 g/cm³
- ▶ Increased damping properties
- ▶ Easy to mold, flexible
- ▶ Long durability
- ▶ Customer-friendly haptics
- ▶ No toxic components
- ▶ Flame-retardant
- ▶ Thermally and electrically insulating

APPLICATION FIELDS

- ▶ Thermal insulations
- ▶ Acoustic insulations
- ▶ Electrical insulations
- ▶ Automotive and aerospace
- ▶ Water sports applications
- ▶ Hearing protection
- ▶ Medical technology/orthopedics
- ▶ Sports and fitness articles
- ▶ Electro potting
- ▶ Seals



PHYSICAL PROPERTIES

Product	Mix Ratio	Color	Mixed Viscosity	Specific gravity	Density	Shore hardness
SilSo Lite 21045	1:1	Transparent	400,000 cP	1.05	0.6 g/cm ³	25 A

The data are approximate values which are not suitable for the preparation of specifications. Please note that the values given were determined in the laboratory and must be verified in tests for your specific production under practical conditions.

Would you like to receive more information or product samples?
Please feel free to contact us: material@cht.com

www.cht-silicones.com/products/silicone_foam

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