

Product Spotlight

TEGOSTAB® B 8773 LF 2

TEGOSTAB® B 8773 LF 2 is a silicone surfactant for the production of HR slabstock PU foams

TEGOSTAB® B 8773 LF 2 is a silicone surfactant used for the slabstock production of high resilience (HR) polyurethane foam. It is predominantly used for TDI based foam, but it is also suitable for MDI based foam. The production of mattresses is the main application area, but can also be used for upholstered furniture.

TEGOSTAB® B 8773 LF 2 is characterized by its ability to support a wide processing latitude. It can withstand a high amount of process changes, including daily formulation adjustments and use level fluctuations. As external temperatures change during the process day, TEGOSTAB® B 8773 LF 2 can still deliver the expected performance required during daily process adjustments. Additionally, variability in raw material quality or amount is no problem for the surfactant. TEGOSTAB® B 8773 LF 2 is usable with different polyol types like SAN, PHD and PIPA. It also works well in both TDI as well as with MDI formulations. Therefore, maximum process flexibility is provided by TEGOSTAB® B 8773 LF 2 for the foam manufacturer.

Low emissions is one of the key features of TEGOSTAB® B 8773 LF 2. There is almost no contribution to VOC that can be seen in chamber tests or room temperature tests with this surfactant in the formulation. The volatile emissions related to the use of TEGOSTAB® B 8773 LF 2 is almost non-measurable. In addition, TEGOSTAB® B 8773 LF 2 is a phthalate free surfactant. Phthalate has been determined to be harmful and toxic, but there are still surfactants which contain phthalate in the market. With a phthalate free surfactant,

Evonik additives are one step ahead providing you a more environmentally friendly, low VOC foam product.

TEGOSTAB® B 8773 LF 2 is an efficient silicone surfactant with a good activity level. It delivers the needed stabilizing support to the foam. TEGOSTAB® B 8773 LF 2 creates foam that is easy to crush. This feature impacts the crushing process, making it easier and faster, saving time and money for the foam producer.

By using TEGOSTAB® B 8773 LF 2 as surfactant, good cell regulating and good cell opening features can be seen. The cell structure is very irregular resulting in improved elasticity of the final foam. TEGOSTAB® B 8773 LF 2 as surfactant, also gives very good compression set values. The recovery of the final foam is excellent.

In all, TEGOSTAB® B 8773 LF 2 is the perfect choice for a medium active surfactant with wide processing latitude, foam performance advantages, and environmentally friendly, low emission products.



Are you interested in more information about our TEGOSTAB® B 8773 LF 2? Contact our [sales representatives](#) or download our [MSDS and TDS](#).

Are you interested to learn more about the PU additives from Evonik? Then visit our [other product spotlights](#).