

ORTEGOL® G

ORTEGOL® G is a cross-linker to be used in the production of flexible polyether block foam. It is applied in formulations which otherwise would result in a foam structure with splits, especially when these splits are caused by an insufficient crosslinking due to a low isocyanate index.

Physical properties

Appearance	colourless to yellowish liquid
Density (25 °C)	1.08 ± 0.01 g/cm ³
Viscosity (25 °C)	80 - 220 mPas

General use instructions

Formulations generally become more sensitive for splitting either when fillers are used or the isocyanate index is chosen to be on the low side. To prevent this splitting the use of ORTEGOL® G is recommended at a use level of about 0.25 to 0.75 pphp.

To keep the cell structure sufficiently open, the use level of stannous octoate should be reduced by approx. 20 %. It is advisable, however, to evaluate the most favourable ratio for ORTEGOL® G and stannous octoate by optimizing foam trials.

On the other hand, there is normally no need for a change of the quantity of isocyanate usually applied in the formulation.

The best control of the foaming process is given when ORTEGOL® G is fed via a separate line. Due to its good solubility in water it also can be fed as part of the water/amine mixture. In this case it should be checked, by a preliminary mixing trial, that no separation takes place at the chosen concentration and the applied types of amines.

Packaging

450 kg pallet (9 x 50 kg in steel drums)
1 000 kg pallet (4 x 250 k in steel drums)

Information concerning

- classification and labelling according to regulations for transport of chemicals
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

Legal References

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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