Technical Information

ORTEGOL® LA 3

Description

ORTEGOL® LA 3 is a performance additive for use in HR-moulded foam formulations as an aldehyde scavenger to help customers meet stringent foam specifications regarding foam aldehyde content.

Key performance benefits

- Effectively reduces various aldehydes (including formaldehyde & acetaldehyde) in HR-moulded foams
- Long lasting aldehyde scavenging effect
- No significant contribution to foam emission
- User friendly (no or minimal formulation adjustment needed)

Typical properties*

Appearance	White opaque liquid
Density at 20 °C	1.120 g/cm³
Calculated OH number	722 mg KOH/g

* For actual ranges, please refer to the Certificate of Analysis (CoA) / Sales Specification which will be available once sufficient number of batches have been produced.

Application

ORTEGOL® LA 3 is recommended for use in all types of TDI, MDI or TDI/MDI-based HR-moulded foams, which need to fulfill aldehyde emission specifications (e.g. VW 50180, Daimler DBL5430, BMW QV52009, Chinese GBT 27630, etc.).

Processing advice

ORTEGOL® LA 3 is miscible with polyols as well as with fully formulated systems, but over time it partially precipitates, hence systems should be re-agitated prior to use.

ORTEGOL® LA 3 does not appear to change system reactivity over time, but it is recommended that customers conduct their own stability evaluation when pre-blending ORTEGOL® LA 3 with other components of their formulation.

The use level of ORTEGOL® LA 3 is formulation dependent; as a starting point, it is recommended to try ~1.0 pphp and adjust the level accordingly to obtain desired results.

ORTEGOL® LA 3 may separate over time; product should be stirred prior to use, to ensure product homogeneity.
The product should be used at room temperature. Containers should be closed when material is not used.

Storage recommendations

- Shelf life: minimum 6 months. For exact date of expiration, please consider CoA.
- Storage conditions: dry and cool place in factory-packed containers.
- Optimum storage temperature: 10 to 30 °C.

Safety instructions

Please consult the Safety Data Sheet for summary of product hazards, personal protective measures, and emergency release procedures.

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