CCCustomize your foam

3-Component dosing technology with the new Elastocool® iQ system
Ready for the new EU energy labels!

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Target scenario as part of the EU Ecodesign Directive

Industry need:
Novel solutions to reach the demanding EU targets

BASF solution:
Elastocool® iQ, based on 3-component dosing, offers maximum flexibility in an optimized production environment

Energy label class distribution of household refrigerating appliances

Example of 3-Component processing:

- **Polyol A:** Formulated system for CP
- **Polyol C:** Formulated system for HFO
- **Iso:** PMDI

Customized Polyol C is further boosting thermal conductivity of Elastocool® F based on energy efficiency needs.

Footnote: CP=Cyclopentane, HFO=Hydrofluoroolefin
Elastocool® enables maximum flexibility in production

Lambda-value can be tuned simply by optimizing the mixing ratio.
C-component is designed to further boost the well-established Elastocool® F system

- Flexibility in production
- Adjustable lambda
- Full cost control by tailored use of HFO

Further on-demand options for 3C processing:
- Faster demolding
- Improved surface quality
- Enhanced flowability

Technical drawing: © Hennecke Polyurethane Technology
Further information on Elastocool® iQ can be found on the internet:
www.elastocool.basf.com

Note
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