

Addocat® 9558

PU ADDITIVES

Function

This activator is used for the production of polyurethane flexible slabstock foam and hot-moulded foam. It is also used for HR foam and, as a co-catalyst, for rigid foams.

Product description

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| Chemical composition: | bis-(2-dimethylaminoethyl)-ether |
| Physical form: | clear, colourless to slightly yellowish liquid |
| Density (20 °C): | approx. 0.86 g/cm ³ |
| Viscosity (25 °C): | approx. 2 mPa.s |
| Initial boiling point: | approx. 190 °C |
| Solidification point: | approx. - 80 °C |
| Flash point: (ASTM-D 93, DIN 22719) | approx. 68 °C |
| Miscibility with water: | miscible |
| Substance content | min. 97.0 % |

Product information

Addocat 9558 is a powerful catalyst for the gas reaction.

Flexible polyether foam:

Addocat 9558 is one of the standard catalysts used to promote the gas reaction in the production of polyether slabstock foam and hot-moulded foam (dosage 0.1 - 0.15 p.b.w. on 100 p.b.w. polyol). Here it is always used in combination with Addocat SO (0.1 - 0.3 p.b.w.).

HR foam (moulded and slabstock foam):

In this case the reaction can be controlled with Addocat 9558 (0.1 - 0.5 p.b.w. on 100 p.b.w. polyol) in combination with Addocat 105 (0.3 - 1.0 p.b.w.).

Filling foam:

In the production of semi-rigid filling foam it has been found advisable to use triethanol amine (up to 4.0 p.b.w.) in addition to Addocat 9558. This gives a more open cell structure.

Rigid foam:

In rigid foam systems Addocat 9558 is used only as a co-catalyst, in combination with Addocat 726 b, Addocat 1926, Addocat 1221 or Addocat 9412. Even small additions of

Addocat 9558 (0.1 p.b.w.) improve the flowability of the system.

Applications:

- Continuous production of foam panels and slabstock.
- Discontinuous heat/cold insulation of piping and refrigerators.

Packing

Metal drums, contents 160 kg

Storage stability

When Addocat 9558 is stored in firmly closed original containers a shelf life of 6 months can be expected. Possible yellowing of the liquid in the course of time has no influence on the product's catalytic effect.

Handling

Consult material safety data sheet (MSDS) for additional handling information for Addocat 9558.

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