

Addocat® 108

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

Chemical composition:	mixture of bis-(2-dimethyl-aminoethyl)-ether and dipropylene glycol
Physical form:	clear, colourless to slightly yellowish liquid
Density (20 °C):	approx. 0,90 g/cm ³
Viscosity (25 °C):	approx. 4 mPa.s
Initial boiling point:	approx. 170 °C
Solidification point:	approx. - 80 °C
Flash point: (DIN EN 22719, ASTM-D 93)	approx. 71 °C
Miscibility with water:	miscible
Water content	max. 0.5 %
Active substance	70.0 ± 1.0 %

Product information

Addocat 108 is a powerful catalyst for the gas reaction.

Flexible polyether foam:

Addocat 108 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 108 (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 108. This gives a more open cell structure.

Rigid foam:

In rigid foam systems Addocat 108 is used only as a co-catalyst in combination with Addocat 726 b, Addocat 1926.

Even small additions of Addocat 108 (0.1 p.b.w.) improve the flow-ability of the system.

Applications:

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

Packing

Metal drums, contents 175 kg

Plastic-IBC, contents 800 kg

Storage stability

When Addocat 108 is stored in firmly closed original containers a shelf life of 12 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 108 .

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