

Addocat® 9558

PU ADDITIVES

Function

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

Product description

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.

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.



Rhein Chemie Rheinau GmbH
Duesseldorfer Strasse 23-27
68219 Mannheim, Germany
Tel.: +49-621-8907-0
Fax: +49-621-8907-675
E-Mail: pl.info@rheinchemie.com
www.rheinchemie.com

Rhein Chemie Japan Ltd.
Marunouchi Kitaguchi, Bldg. 23 F
1-6-5 Marunouchi, Chiyodo-ku
Tokyo 100-0005, Japan
Telefon: +81-03-5293-8041
Fax: +81-03-5219-9779
pl.rcj@rheinchemie.com

Rhein Chemie Corporation
145 Parker Court
Chardon, OH 44024, USA
Telefon: +1 440-285-3547
Fax: +1 440-285-2462
pl.us@rheinchemie.com

Lanxess Chemical (China) Co.Ltd.
Business Unit Rhein Chemie
16F, Park Place
NO. 1601, Nanjing Road (West)
Shanghai 200040, VR China
Telefon: +86-21-6109 8308
Fax: +86-21-6109-8309
pl.rcscro@rheinchemie.com