



Maicat® is a macroporous granulate for producing seed crystals based on a cross-linked polyacrylate with a coating made of a crystalline modification of calcium carbonate. It is spherical and has a special grain size distribution that is tailored to use in drinking water treatment plants. The special properties of this product can only be fully exploited if the general operating parameters are observed. In addition, the installation must comply with a.a.r.d.T.

General description

Functional group	Carbonate
Matrix	Cross-linked polyacrylate
Structure	Macroporous
Appearance	White

Typical physical and chemical properties

Bulk density on delivery	(± 5 %)	g/cm ³	0,72
Water content on delivery		Ma.-%	36-40
Stability pH range			5-14
Stability temperature range			1°C- 80°C (33.8°F - 176°F)
Storage life		Years	2
Storage temperature			0°C - 40°C (32°F -104°F)

Operating parameters

Operating temperature	Max.	80°C (176°F)
pH range during use		6-8
Max. pressure loss	kPa	20

Additional information

Safety measures

Strong oxidizing agents, e.g. nitric acid, can cause violent reactions when they come into contact with the granulate.

Toxicity

The safety data sheet must be observed. It contains further information on labeling, transport and storage as well as information on handling, product safety and ecology.

Disposal

Check reusability. Pack or seal product waste and uncleaned empty containers label them and dispose of or reuse them appropriately in accordance with national official regulations. For larger quantities, consult the supplier. If uncleaned empty containers are passed on, the recipient must be informed of the possible danger posed by product residues. When disposing of the product, the applicable waste code according to the local regulations must be used.

Storage

It is recommended that the product be stored under cover at temperatures between 0°C - 40°C (32°F -104°F), in a dry place and without exposing it to direct sunlight.

The above information and our application-technical advice, whether verbal, written or through tests, are provided to the best of our knowledge, but are only non-binding information. The advice does not release the user from his or her obligation to check our information. This applies in particular to the safety data sheet and the technical information, as well as the use of our products with regard to their suitability for the intended purposes. The application, use and processing of our products and the products manufactured by you on the basis of our application-technical advice are beyond our control and are therefore your sole responsibility. Our products are sold in accordance with our general terms and conditions.