

GRACE DIVISION
 Filtration & Packaging Technologies

Product Information

GRACE

DARACLAR® 1015

Beer Stabilizer

Product Description

DARACLAR® 1015 Beer Stabilizer is a synthetic amorphous silica xerogel appearing as white free flowing powder.

Product Characteristics

The following specification parameters will be stated on our Certificate of Analysis.

Property	Unit	Specification	Test Method
Loss on Drying (160°C)	%	7.5 max.	GRACE Q 009
pH (5 % aqueous suspension)		6.0 – 8.0	GRACE Q 014 DIN EN ISO 787-9
Wet Screen Residue (> 150 µm)	%	0.2 max.	GRACE Q 004 DIN EN ISO 787-18
SiO ₂ Content (dry basis)	%	97.0 min.	GRACE Q 271

Typical Properties and Recommended Applications

The following Typical Properties data are given for informational purposes only, and are not to be interpreted as product or in-process specifications.

Property	Unit	Typical Value	Test Method
Average Particle Size (Malvern Mastersizer, 2000)	µm	16.0	GRACE Q 013
Fe (Beer soluble)	mg/100 g	< 2.0	MEBAK
Ca (Beer soluble)	mg/100 g	< 5.0	MEBAK

DARACLAR® 1015 Beer Stabilizer is used for the selective adsorption of haze-forming proteins from beer. DARACLAR® 1015 Beer Stabilizer is added either together with the filter aid or by a separate dosing system to the beer during the filtration stage. The dosage used depends on the desired stability of the beer but lies, in general, from 30-60 g/hl. DARACLAR® 1015 Beer Stabilizer is recommended if moderate filtration speed is required. DARACLAR® 1015 Beer Stabilizer complies completely with the German Beer Purity Law (Certificate of Compliance issued by Prof. L. Narziß of Weihenstephan). DARACLAR® 1015 Beer Stabilizer is free from beer damaging organisms.

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Product Information

Weight Information

DARACLAR® 1015 Beer Stabilizer is supplied in bags on pallets.

20 kg/bag	15 bags/pallet	300 kg/pallet	pallet: 800 x 1200 mm
18 kg/bag	18 bags/pallet	324 kg/pallet	pallet: 800 x 1200 mm

Storage Recommendations

Like all other finely powdered products DARACLAR® 1015 Beer Stabilizer has a tendency to develop dust. During handling, precautions should be taken against electrostatic discharges. Additional information can be found in our Material Safety Data Sheet (MSDS). Storage in a dry warehouse is recommended. Open packages should be resealed to prevent contamination of the product. **The material should be used within 365 days from the date of production.** Provided the storage recommendations are followed, silica gels stored beyond the recommended shelf life are typically fit for use. However, it is advised that a quality control test is performed on the properties relevant to the application.

Health & Safety Information

DARACLAR® 1015 Beer Stabilizer is a synthetic amorphous silica. Full EHS information can be found in the Material Safety Data Sheet (MSDS). Please also refer to applicable national laws and regulations.

Certification

ISO 9001 Registered

Disclaimer

The information contained herein is based on our testing and experience and is offered for the user's consideration, investigation and verification. Since operating and use conditions vary and since we do not control such conditions, we must **DISCLAIM ANY WARRANTY, EXPRESSED OR IMPLIED**, with regard to results to be obtained from the use of this product. Test methods are available on request.

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