

Technical Data Sheet



Description: **Silzot® HQ (Granules)** is a grey granulated powder derived from the direct chemical reaction of silicon and nitrogen.

CAS-no: 12033-89-5

Chemical Name / Formula: Silicon Nitride / α - Si₃N₄

Specification:	N-content	≥ 38,5	%
	O-content	≤ 1,0	%

Characteristics:	C	≤ 0,2	%
	Al	≤ 0,1	%
	Fe	≤ 0,05	%
	Ca	≤ 0,03	%

Other Elements single elements ≤ 0,02 %

Physical Parameters:	α -content	≥ 85	%
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Particle Size:	granules	0 – 10	mm
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Packaging:	big bags	á 1000	kg
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Storage Condition: Silzot® HQ (Granules) should be kept in a dry place and in closed original packing. The shelf life of Silzot® HQ (Granules) at room temperature is min. 24 months in the original unopened packing, under the storage conditions as suggested in the MSDS.

AlzChem AG, Dr. Albert-Frank-Straße 32, 83308 Trostberg
 Phone +49 8621/86-0, Fax +49 8621/86-2911
 Email: silzot@alzchem.com

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