

GRANULAR ULEXITE

in AGRICULTURE

FOR SUPERIOR FERTILIZER PRODUCTION

Ulexite 32
($\text{Na}_2\text{O} \cdot 2\text{CaO} \cdot 5\text{B}_2\text{O}_3 \cdot 16\text{H}_2\text{O}$)



Chemmin

CHEMICALS & MINING

www.chemmin.co.za

At Chemmin we are passionate about the potential Boron unlocks in nature, and through Ulexite 32, plants can grow and develop as they should – perfectly. We therefore import only the finest quality tested and registered ingredients.

The importance and benefits of boron for the healthy development of plants have been paramount as early as the 1920s. Boron ensures that plants absorb the right amount of nutrients and water from the soil. Soil lacking boron, however, affects the overall growth of plants and ultimately, the yield of a crop.

Chemmin's Ulexite 32 (2-4mm) also known as hydrated sodium calcium penta-borate octahydrate, is a granular, natural, water soluble and slow release mineral borate. Its slow releasing properties make it an excellent source of boron for the granular fertilizer market.

Ulexite 32

Chemical and Physical Specifications

Molecular weight	405,21 g/mol
Melting point	870 °C

B ₂ O ₃	%	37,00±1,00
CaO	%	19,00 max
SiO ₂	%	4,00 max
SO ₄	%	0,25 max
As	ppm	40 max
Fe ₂ O ₃	%	0,04 max
Al ₂ O ₃	%	0,25 max
MgO	%	2,50 max
SrO	%	1,00 max
Na ₂ O	%	3,50 max
Moisture	%	1,00 max
Bulk density	ton/m ³	1,00 max

+150µm	%0,50 max
-75µm	%82,00 min

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