NikoMag™

MAGNESIUM CHLORIDE

APPLICATION:

- in construction industry: production of magnesia cements (sorel cement), glass magnesium boards, glass-magnesium tiles, foamed concrete (foamed magnesite), gas concrete (gas magnesite) based on magnesite cement
- in oil and gas industry: component of drilling fluids and killing drilling muds
- in chemical industry: production of magnesium containing compounds, including magnesium oxide, magnesium hydroxide and magnesium metal, synthetic hydrotalcite, synthetic rubbers and thiocol, refractories and magnesium-chlorate defoliant
- in textile industry: stabilization in fabric dyeing
- in agriculture as a fertilizer
- dust suppressant, sewage water treatment, abrasives production and deicing agent

THE BASIC QUALITY PARAMETERS:

INDEX	DATA
Appearance	Pearls or flakes of white color
Fraction of magnesium ions (Mg^{2+}) total mass, %, min	11.8
Fraction of magnesium ions (Mg^{2+}), converted to $MgCl_2 \times 6H_2O$ total mass, %, min	97
Fraction of calcium chloride converted to calcium oxide (CaO) total mass, %, max	0.1
Fraction of sulfates converted to sulfate ion total mass, %, max	0.1
Fraction of alkali metals ions ($Na^{+} + K^{+}$) total mass, %, max	0.8
Fraction of insoluble in water residue total mass, %, max	0.2

CERTIFICATION:

ISO 9001

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