MAGNESIUM HYDROXIDE NikoMag® A5

APPLICATION:

A highly efficient non-toxic inorganic flame retardant. Perfect choice for production of PA, PP, PE, EVA, TPU, PVC, XLPE etc. based compounds ●pharmaceutical industry (laxatives, antacids and other magnesiumcontaining medicines) ●food industry as food additive E-528 (acidity regulator, color stabilizer etc.)

●production of lubricating oil additives ●production of magnesium compounds ●production of catalysts ●pigment ●production of cosmetics and personal care products.

THE BASIC QUALITY PARAMETERS:

Parameter	Grade
	NikoMag® A5
1 Appearance	White powder
2 Mass fraction of magnesium hydroxide, %, minimum	99,8*
3 Mass fraction of volatile substance at 105°C, %, maximum	0,3
4 Mass fraction of iron (Fe), ppm, maximum	50
5 Mass fraction of calcium (Ca), ppm, maximum	100
6 Mass fraction of chlorides (Cl^-), ppm, maximum	200
7 Mass fraction of sulfur (S), ppm, maximum	200
8 Mass fraction of sodium (Na), ppm, maximum	200
9 Bulk density, g/cm^3, minimum	0,3
10 Specific surface area, m^2/g	4,0 - 6,0
11 Filter screening test (no 0045), %, maximum	0,1
12 Particle size distribution, μm:	
diameter of 10 % of particles (d10) maximum	1,1
diameter of 50 % of particles (d50) maximum	1,6
diameter of 90 % of particles (d90) maximum	3,0
13 Surface treatment	Uncoated

The material is produced as a tailor-made system. There is a strong producer/customer cooperation

CERTIFICATION:

ISO 9001; ISO 22000:2005; HACCP Codex Alimentarius; HALAL; KOSHER; REACH 01-2119488756-18-0034

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