



SINWON INDUSTRIAL CO., LTD.

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TECHNICAL DATA SHEET

1. Product name <Grade> : HI-TAL < P1 >
2. Chemical name : Mg-Al Hydrotalcite
3. Synonyms : Magnesium Aluminium Hydroxy Carbonate Hydrate
4. CAS number : 11097-59-9
5. EINECS/ELINCS number : 234-319-3
6. The first date of preparation : 3 January 2006
7. The last revision date & number : 20 January 2009 (2nd)

Items	Unit	Specifications	Test methods
Appearance	-	White powder	
Molar ratio(MgO/Al ₂ O ₃)	-	4 - 5	
Bulk Density	g/cc	0.4 ± 0.1	
Drying Loss (105°C, 1hr)	%	Max. 0.3	SWI Research
pH(1g/50ml EtOH)	-	8.5 - 9.5	DEPT-05
Average particle size	µm	0.7 ± 0.1	
Refractive Index	-	1.49 - 1.51	
Specific surface area	m ² /g	5 - 20	
Starting Dehydration point	°C	Approx. 185	

Manager of QC & Research DEPT



SINWON INDUSTRIAL CO.,LTD.

Woon Keun Song

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