



SINWON CHEMICAL Co. Ltd.

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HOME PAGE <http://www.swchem.co.kr>

TECHNICAL DATA SHEET

1. Product name / Grade	FLAMDANT / FC
2. Chemical name / formula	Magnesium hydroxide / Mg(OH) ₂
3. CAS number	1309-42-8
4. EC number	215-170-3
5. The first date of preparation	2003-09-27
6. The revision date & number	2008-08-08 (1st)
7. Characteristic & Applications	<ul style="list-style-type: none">- Flame retardant for Plastics and Rubber (PE, PP, ABS, HIPS, Nylon, PVC, Elastomers etc).- Compound elements of electric wire, conveyor belts and construction materials.- Phenol resin, FRP, Ferrite, Fine Petroleum additive, for other chemical used.
8. Packing	20kg Kraft paper bag.

The product standard for FLAMDANT as follows:

Items	Unit	Specifications		Methods
		-	FC	
Appearance	-	White powder	White powder	SWI-Research-05
Purity	wt%	Min 96.0	Min 96.0	
Drying loss(120°C 1hr)	wt%	Max 0.2	Max 0.2	
Average particle size	μm	0.85±0.15	3.0±0.5	
Bulk density	g/ml	0.5±0.15	0.5±0.15	
Cl content	wt%	Max 0.05	Max 0.05	
Decomposition temp.	°C	340	340	

Manager of QC & Research dept.



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PRESIDENT W. K. SONG