



SINWON CHEMICAL Co. Ltd.

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

TECHNICAL DATA SHEET

1. Product name HI-FLOW (grade: BA, IL, MI)
2. Chemical name / formula Zinc stearate / $Zn(C_{17}H_{35}COO)_2$
3. CAS number 557-05-1, 91051-01-3
4. EC number 209-151-9, 293-049-4
5. Date of preparation 2003-02-01
6. Revision date (number) 2009-09-16 (2nd)
7. Characteristic & Applications
 - Stabilizer for PVC resin.
 - Lubricant and mold release agent in the plastic and rubber industry.
 - Water repellent agent.
 - Lubricant for food contact(packaging) materials.
8. Packing
 - 10, 20, 25kg kraft paper bag.
 - 300kg bulk bag

The product standard for HI-FLOW as follows:

Items	unit	Specifications				Methods
		BA	IL	MI	GP	
Appearance	-	White bead	White powder	White powder	White powder	SWI-Research-05
Ash contents	wt%	13.5±0.5	13.5±0.5	13.5±0.5	13.5±0.5	
Zinc contents	wt%	11.0±0.5	11.0±0.5	11.0±0.5	10.5±0.5	
Melting point	°C	120.0±5.0	120.0±5.0	120.0±5.0	120.0±5.0	
Moisture contents	wt%	Max 1.0	Max 1.0	Max 1.0	Max 1.0	
Free fatty acid	wt%	Max 1.0	Max 1.0	Max 1.0	2.0±0.5	
Through. mesh	%	Not available	Min 99 (@200mesh)	Min 99 (@325mesh)	Min 99 (@500mesh)	

Manager of QC & Research DEPT



SINWON CHEMICAL CO.,LTD.

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PRESIDENT W. K. SONG