

CAS NO : 557-05-1, 91051-01-3

TECHNICAL DATA SHEET

**HI-FLOW (ZINC-STEARATE)****■ Out Line**

HI-FLOW is the brand name of Zinc Stearate. It has high purity, coloring and dispersed ability. To produce paint and rubber by using it, they are not only enabled to be improved their physical properties but also less odored for processing.

**■ Chemical Structure :  $Zn(C_{17}H_{35}COO)_2$** **■ Grade & Applications**

Appearance	Grade	Applications
BEAD	BEAD	- Stabilizer for PVC
Powder	I L	- Lubricant & mold release agent in the plastic and rubber
	M I	- Water repellent agent
	G P	- Lubricant for food contact(packing) materials. etc.
	W P(complex)	- Additive for general paint
		- additive for wood paint(Improve grindability)

**■ Commercial characteristic data**

Items/Grade	BA	IL	MI	GP	WP
Appearance	Bead	Powder	Fine Powder	Fine Powder	Fine Powder
Zn content(%)	11 ± 0.5			10.5 ± 0.5	8.0 ± 0.5
Free fatty content(%)	1.0 Max			2.0 ± 0.5	1.5 ± 0.5
Melt Point(°C)	120 ± 5				117 ± 5
Moisture(%)	1.0 Max				0.5 Max
Ash content(%)	13.5 ± 0.5				35 ± 5
Bulk density	1.095			1.095	1.509
Through standard sieve	-	> 99% @ 200mesh	> 99% @ 325mesh	> 99% @ 500mesh	> 99% @ 600mesh

**■ Packing**

- 10kg, 20kg, 25kg Kraft paper bag
- 300kg bulk bag

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