

METALLIC STEARATE RECOMMENDATIONS

APPLICATION	MATERIAL	PRODUCTS
PLASTICS PVC	Barium Stearate Calcium Stearate Zinc Stearate	Barium Stearate 12B, 15, 15F, CP-11, CP-22G GP, ZN 41
POLYOLEFINS	Calcium Stearate Calcium Pelargonate Zinc Stearate	114-36, 114-40 Calcium Pelargonate 8, 44HS
POLYSTYRENE	Zinc Laurate Zinc Stearate	Zinc Laurate 8, 44HS
POLYESTERS	Calcium Stearate Zinc Stearate	15, S-1244, 24-46 ABG, ACF, D, S-1058, S-1200, XRP
ABS	Magnesium Stearate	90
PHENOLICS	Calcium Stearate Zinc Stearate	12B, 15, CP-11 GP, 25
MELAMINE	Zinc Stearate	GP, ZN 41
COLOR CONCENTRATES	Aluminum Stearate Calcium Stearate Zinc Stearate	404 12B, 15, CP-11 GP, 8, 44HS
PAPER COATINGS	Calcium Stearate	Wettable, CW-1250
POWDERED METALS	Lithium Stearate Sodium Stearate Zinc Stearate	Lithium Stearate Sodium Stearate ACF, D, H
FOUNDRY	Calcium Stearate	Wettable, 12B, 15, 24-46, CP-11
DEFOAMERS	Aluminum Stearate	Hi Gel I
RUBBER COMPOUNDING DUSTING SLAB DIP	Zinc Stearate Zinc Stearate Zinc Stearate	GP, ZN 41 ACF, GP, ZN 41 ACF, Zinclud
PAINT PIGMENT SUSPENSION FLATTENING	Aluminum Stearate Calcium Stearate	303, R 24-46
LACQUER	Zinc Stearate	L, DLG-10, DLG-20
INK	Aluminum Stearate	404

MARKETED BY
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METALLIC STEARATE RECOMMENDATIONS

APPLICATION	MATERIAL	PRODUCTS
GREASE	Aluminum Stearate Barium Stearate Lithium Stearate	598, GM, 303 Barium Stearate Lithium Stearate
DRILLING MUDS	Aluminum Stearate	R, Lo Gel II
INDUSTRIAL CLEANERS	Calcium Stearate	12B
WIRE DRAWING COMPOUNDS	Aluminum Stearate Calcium Stearate	303 12B
MASONRY & CEMENT	Aluminum Stearate Calcium Stearate	303 12B, Wettable
WATERPROOFING	Aluminum Stearate Calcium Stearate Zinc Stearate	Non-Gel, 303 15, 24-46, CP-11, Wettable Wettable
FOOD	Calcium Stearate Magnesium Stearate	Food Grade (Kosher) Food Grade (Kosher)
COSMETICS	Aluminum Stearate Sodium Stearate Zinc Stearate	NF Sodium Stearate USP
PHARMACEUTICALS	Calcium Stearate Magnesium Stearate Zinc Stearate	NF NF USP

METALLIC STEARATES - TYPICAL PROPERTIES

PRODUCT	ASH, %	WATER SOLUBLE SALTS, %	FREE FATTY ACID, %	MOISTURE, %	SOFTENING POINT, °C	FINENESS SIEVE % THRU/MESH
ALUMINUM STEARATES						
505	15.2	0.3	2.8	1.5	235	98/200
303	8.4	0.2	6.0	0.5	155	98/200
404	7.0	0.2	15	1.0	125	98/200
R	7.4	0.2	13	1.0	145	98/200
598	9.7	0.2	3.4	0.7	165	98/200
NON-GEL	9.8	0.1	8.0	0.9	145	98/200
NF	15.2	0.3	2.8	1.5	230	98/200
GM	9.3	0.3	3.3	0.6	155	98/200
NON-GEL II	7.0	0.2	15	0.9	125	98/200
HI GEL I	8.4	0.2	6.0	0.5	155	98/200
MAGNESIUM STEARATES						
90	8.6	-	0.5	3.0	157	-
NF	7.9	-	0.5	3.4	155	99/200
FOOD GRADE (Kosher)	8.0	0.2	0.5	1.0	155	99/200
SPECIALTY STEARATES						
BARIUM STEARATE	28.5	-	0.2	0.3	250	98/325
CALCIUM PELARGONATE	15.1	-	0.4	3.7	-	99/200
CALCIUM/ZINC 1580	Ca-2.9 Zn-7.1	-	-	0.6	105	100/80
LITHIUM STEARATE	5.4	-	0.5	0.3	212	92/200
SODIUM STEARATE	10.7	-	0.2	1.8	205	90/80
ZINC LAURATE	17.8	-	1.0	0.1	125	99/200

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METALLIC STEARATES - TYPICAL PROPERTIES

PRODUCT	ASH, %	WATER SOLUBLE SALTS, %	FREE FATTY ACID, %	MOISTURE, %	SOFTENING POINT, °C	FINENESS SIEVE % THRU/MESH
CALCIUM STEARATES						
12B	11.2	-	0.2	2.9	155	95/200
15	11.4	-	0.2	2.7	155	95/200
15F	11.4	-	0.3	3.4	155	70/40
24-46	9.3	0.1	0.3	2.2	155	99/200
114-36	9.5	NIL	0.2	2.5	155	100/200
114-40	9.5	NIL	0.1	2.5	152	99/200
CP-11	9.9	-	0.1	2.4	155	98/200
CP-22G	10.6	-	0.1	3.0	155	80/40
FOOD GRADE (Kosher)	9.9	-	0.4	2.5	154	100/325
NF	9.2	NIL	0.3	2.7	155	99/325
S-1244	11.2	-	0.2	2.9	155	99/200
WETTABLE	9.2	-	0.3	2.7	155	99/200
DISPERSION CW-1250	9.4	-	0.1	50	-	99/325

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METALLIC STEARATES - TYPICAL PROPERTIES

PRODUCT	ASH, %	WATER SOLUBLE SALTS, %	FREE FATTY ACID, %	MOISTURE, %	SOFTENING POINT, °C	FINENESS SIEVE % THRU/MESH
ZINC STEARATES						
ABG	13.9	-	0.4	0.4	120	99/325
ACF	13.9	-	0.4	0.4	120	
DLG-10	14.4	0.2	0.3	0.2	120	100/325
DLG-20	17.8	0.2	0.5	0.8	112	
D	15.0	NIL	0.5	0.4	120	99/325
GP	13.7	-	0.6	0.3	120	
H	14.8	NIL	0.4	0.3	122	99/325
L	16.9	-	0.4	0.2	120	
S-1058	15.9	-	0.3	0.2	120	98/325
S-1200	13.1	-	0.3	0.2	120	
USP	13.8	-	0.4	0.4	120	99/200
WETTABLE	13.4	-	0.4	0.2	120	
XRP	14.6	-	1.7	0.5	120	98/200
ZN 41	13.4	-	0.1	0.2	120	
ZINCLOID	13.5	-	0.5	-	122	99/200
8	13.3	-	0.5	0.4	120	
44HS	13.7	-	0.2	0.2	120	99/325 (Also Flake)

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