

TECHNICAL DATA SHEET

PLASTICS

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AAKASH CHEMICALS

THE SKY
IS THE LIMIT

Aakash ZS

Dispersant, Lubricant

(Zinc Stearate)

CAS No. 557-05-1

EINECS # 209-151-9

PHYSICAL PROPERTIES

| | |
|---------------------------|-------------------------|
| Density g/cm ³ | 1.06 |
| Melting Point | 120°C +/-5 / 248°F +/-9 |
| Flash Point | 277°C / 530°F |
| Boiling Point | 180°C / 356°F |

PHYSICAL PROPERTIES

| | |
|---------------------|-------------|
| Free Fatty Acid % | 1.0 Maximum |
| Solubility in Water | Insoluble |
| Moisture Content % | 1.0 Maximum |
| Zinc Content % | 10.5 - 11.5 |
| Bio Based Content | Vegetable |










FASTNESS PROPERTIES

Warpage None

PARTICLE SIZE


Powder 100-120µm

APPLICATION PROFILE









| Film | Wire & Cable | Injection Mold | Fiber | Com-pounding | Blow Molding | Roto Molding | Sheet Extrusion | Pipe Extrusion |
|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |

LEGEND


















 recommended

 partially recommended

REGULATORY

| FDA | GRAS | Mercosur 23/04 | EU 10/2011 | ASTM 963 | EN 71/III | Mercosur 108/2005 & 369/2007 | RoHS II | SVHC Compliant | Propo-sition 65 |
|---|------|---|------------|---|---|---|---|---|---|
|  | |  | |  |  |  |  |  |  |

RESIN TYPE

| ABS | ASA | CA/CP/CAB | EVA | IONOMER | PA | PC | PE | PP | PS | PBT | PES |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  | |  | |  |  |  |  |  |
| PET | POM | PPO | PUR | PVC | PMMA | SAN | | | | | |
|  |  |  |  |  |  |  | | | | | |

Disclaimer:

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