

COLET Technical Data Sheet

Zincolet- TR 121

Processing Additives

| Composition | : Mixture of fatty acid | d amides derived from natural fatty acid. |
|---------------|-------------------------|---|
| Specification | : Appearance | : Light cream to Off white colored Flakes or Waxy powder |
| | Melting Point | : $60 \pm 5^{\circ}C$ |
| Dosage | : • 2.0 - 5.0 phr. | |

Uses and Benefits

- One of the major uses of mixed fatty amides is as a slip agent in polyethylene films. It functions by migrating to the film surface in a microscopic coating which reduces the coefficient of friction. In general, fatty amide migrates more rapidly but has lesser heat stability. Where this is not a disadvantage, fatty amide costs are inherently lower.
- This same property of uniform surface bloom permits Zincolet-TR 121to be used in injection molding applications. It functions as both a lubricant and mold release agent. These properties are valuable in processing thermoplastic resins, thermoplastic elastomers (TPEs) and thermoset rubber systems. Zincolet-TR 121 may also function as a dispersant in concentrates by providing easier and more uniform letdown of the concentrated material.

| Packing | : | 25kg Polylinedpolywoven bag / Polylined paper bag. |
|-------------------|---|--|
| Storage stability | : | Upto 2 years In normal storage conditions. |
| Approvals | : | REACH |
| Handling | : | Consult material safety data sheet (MSDS) for additional handling information for Zincolet–TR 121. |

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