



# TEEHNICAL DATA SHEET



## H.T.M. ELASTICIZER



#### Description:

H. T. M. As a chemical additive, its viscosity is moderate, which adds luster and toughness to plastic raw materials, improves the gloss of the plastic surface, and makes the product stable.

H. T. M. has no side effects in the use of plastics. It achieves safety standards and is widely used in toys, electrical appliances and household goods manufacturing.

### Purpose:

It can be used in most of the plastic materials including: ABS, PP, PC, PVC, PE, POM, HIPS, GPPS, K-RESIN Or other high temperature and soft plastic and so on.

#### Performance characteristics:

- No toxic ingredients are safe to use.
- It does not affect the plastic material and increases the stability.

| Products Code | Packings | Capacity |
|---------------|----------|----------|
| I100327-4L    | Can      | 4L       |
| I100327-18L   | Pail     | 18L      |
| I100327-200L  | Durm     | 200L     |

- Improve toughness, in some cases, replace impact resistant plastics, reduce costs.
- Can make the luster more than double, increase the brightness.
- all plastics can be increased: gloss, toughness, tensile strength, cold resistance and flame retardancy.

#### Usage method:

Mix the toughening agent with the toner before injection. Avoid transparent materials such as PP, Pc or other transparent plastic materials except soft plastic.

Quality standard (Performance Standard)

Federal Food and Drug Administration of the United States (U.S.D.A.)

### Reference amount: 25KG



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| ABS     | PP, PE, PVC | PCB  | POM, K-RESIN | HIPS    | GPPS | Soft<br>plastic | High<br>temperature<br>plastic |
|---------|-------------|------|--------------|---------|------|-----------------|--------------------------------|
| 30-40ML | 25-30ML     | 30ML | 25-30ML      | 30-35ML | 40ML | 20-25ML         | 25-30ML                        |

Characteristics:

| Product | Viscosity  | Pour point | Flash point  |  |
|---------|------------|------------|--------------|--|
|         | cst at 25℃ | $^{\circ}$ | $^{\circ}$ C |  |
| H. T. M | 50         | <-30       | >300         |  |

Matters needing attention:

1. Pay attention to sealing and preserving oil products