

# SABOSTAT® DELA/S

Diethanolamide anti-stat additive for plastics 塑料用二乙醇酰胺防静电添加剂

## COMPOSITION 成分

Chemical name 化学名称	Dodecanamide, N,N-bis(2-hydroxyethyl)- 十二酰胺, N, N-双(2-羟乙基) -
Common name 通用名称	Lauryl diethanolamide 十二烷基二乙醇酰胺
CAS number CAS号	120-40-1

## TYPICAL PROPERTIES 典型特性

Appearance (20°C) 外观	Off-white solid 灰白色固体
Color (Hazen, 50°C) 颜色	Max. 250 < 250
Melting temperature 熔融温度	Min. 40°C > 40 °C
Water content 水分含量	Max. 0.5% < 0.5%

## FEATURES 特点

- Provides faster anti-static effect as compared to ethoxylated alkylamines 与乙氧基烷基胺相比, 提供更快的防静电效果
- Provides longer term anti-static effect as compared to glycerol monostearate 与单硬脂酸甘油酯相比, 具有更长的防静电效果
- Effective as an anti-stat even under low humidity conditions 即使在低湿度条件下也能有效防静电
- Low-basicity as compared to ethoxylated alkylamines 与乙氧基烷基胺相比碱性低

## APPLICATIONS 应用

SABOSTAT® DELA/S is a diethanolamide which is useful as an internal anti-static additive for plastics, especially polyolefins (PE, LDPE, PP), styrenic polymers (PS, ABS, SAN), and PVC.

This product is ideal for use as an anti-stat in electronics packaging applications due to low moisture sensitivity and low basicity. It is also useful in applications where it provides a fast de-molding effect.

SABOSTAT® DELA/S是一种二乙醇酰胺, 可用作塑料的内部防静电添加剂, 尤其是聚烯烃 (PE, LDPE, PP), 苯乙烯聚合物 (PS, ABS, SAN) 和PVC。

该产品由于低湿敏性和低碱度, 非常适合作为电子封装应用中的防静电剂。它在提供快速脱模效果的应用中也很有用。

## GUIDELINES FOR USE 使用指南

Typical addition levels for SABOSTAT® DELA/S range from 0.1 to 2.5%, depending upon the substrate, processing conditions, and the end use application.

In polyolefins, typical addition levels range from 0.2 to 0.5% for food and pharmaceutical packaging. Addition levels of 0.2 to 2.5% are typical in styrenic polymers, and 0.2 to 0.5% in PVC.

The exact level to be used in any application should be determined in an appropriate testing program.

SABOSTAT® DELA/S 的典型添加量范围为0.1%至2.5%, 具体取决于基材、加工条件和最终用途应用。

在聚烯烃中, 食品和药品包装的典型添加量范围为0.2%至0.5%。苯乙烯聚合物中的典型添加量为0.2%至2.5%, PVC中的典型添加量为0.2%至0.5%。

在任何应用中使用的确切添加水平都应通过适当的测试程序来确定。

**VOLATILITY (TGA weight loss temperatures, 20°C/min, in air) 挥发性 (TGA失重温度, 20°C/分钟, 在空气中)**

5%	245°C
10%	270°C
50%	350°C

**PACKAGING 包装**

180 kg net in coated, open-cap steel drum (720 kg per pallet), pallet type CP3

净重 180 公斤, 带涂层开盖钢桶 (每托盘 720 公斤), CP3 型托盘

**HANDLING & STORAGE 搬运和储存**

Please consult the Safety Data Sheet (SDS) prior to handling or using this product.  
If properly stored in a dry place, SABOSTAT® DELA/S remains within the specification limits for at least 18 months.

在处理或使用本产品之前, 请参阅安全数据表 (SDS) 。

如果在干燥的地方正确储存, SABOSTAT®DELA/S在规格限制范围内至少保持18个月。

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