

# Kagevest 25

## Technical Data Sheet

### Kagevest 25

化学名称：丁二烯，人造高聚物，改性三甲氧基硅烷（硅烷改性液体聚丁二烯）

CAS编号：71010-70-3

Kagevest 25是橡胶化合物用的聚合物有机硅填料激活剂。

### 材料定义

外观：无色/浅黄色液体

气味：弱特征气味

点火温度：约110°C (DIN 51758)

熔点：< -30°C（凝固点）

爆炸极限：约350°C (DIN 51794) 在正常条件下，无爆炸极限

密度（20°C）：0.95 g/cm<sup>3</sup>

溶解性：油漆；对橡胶加工常用的所有增塑剂和溶剂可溶

黏度（20°C）：约2000 mPas

稳定性：高达250°C无分解

### 应用

橡胶化合物用的聚合物有机硅填料激活剂。通过使用Kagevest，可以实现显著提高浅色填料材料的增强作用。Kagevest既可以与硫磺一起，在含有硅酸和硅酸盐填料的化合物中发生交联，也可以与过氧化物一起发生反应。

作用机制：含有活性三甲氧基硅烷基团的聚合物有机硅，其可与浅色增强填料材料的表面反应，而未饱和的聚合物链则被硫化橡胶的交联结构所吸收。

技术优点：

- 显著减少硫化时间
- 减少伸长集和永久压缩集
- 未硫化橡胶的粘度较低
- 引拉强度、模量以及撕裂传播强度更高
- 提高抗磨损性和动态条件下的性能
- 减少水吸收

## 操作、储存和包装

如果存放在未开封的原装容器中，且地方干燥，产品的保质期至少为一年。

标准包装是180千克的桶。

## 法规信息

欧盟REACH注册：不适用

## Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

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Conditions (/info/toc) apply.

Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our Shelf Life Policy (/info/shelflife).

For updates on product information, please check this web page regularly:

<https://cn.kautschuk.com/products/silanes/kagevest-25>

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