

## Active Zinc Oxide (EVA)

台翔活性氧化鋅® (EVA)

PRE-DISPERSED POLYMER BOUND

### PRODUCT DESCRIPTION (产品特性)

ActiveZnO (EVA) is a wet process active zinc oxide formulated for the polymer forming manufacturing. It has been used to substitute regular (French process) zinc oxide as activator to lower the decomposition temperature of blowing agent.

台翔活性氧化鋅® (EVA)是台翔化工湿法生产的塑料和橡胶发泡活化助剂。台翔活性氧化鋅®(EVA) 可取代普通(间接法)氧化鋅降低发泡剂的分解温度。

### ADVANTAGES (产品优势)

- Reduces blowing agent decomposition temperature and effectively increases the forming efficiency
- Uniformed close-cell formed structure without irregular poles
- Utilizes recycled zinc waste as raw material in saving natural resources

- Responsible care manufacturing with least energy consumption
- 有效降低发泡剂的分解温度并提高发泡效率
- 发泡的聚合物无孔洞表面光滑
- 使用回收的锌废料做为原材料，有效节省自然资源
- 环保制程，使用能源少，尽善关怀生态的责任

## PROPERTIES (物性)

Appearance 外观	White powder 白色粉体
Chemical Analysis(化学成份)	%
ZnO 氧化锌	Exclusive 台翔自有专利
Pb 铅	≤0.01
Cd 镉	≤0.005
Cu 铜	≤0.001
Mn 锰	≤0.001

Specific Gravity (g/cm <sup>3</sup> ) 比重	Approx.4.20
Volatility (105°C/2hr) 挥发度	< 3.5%
Packing 包装	25kg in paper bag 25 公斤纸袋

## RECOMMENDATIONS AND APPLICATIONS (应用范围及效果)

ActiveZnO (EVA) is used as an activator (decomposition accelerator) to lower the decomposition temperature of the azodicarbonamide blowing agent. The activated azodicarbonamide renders the processing of polymeric material at lower temperature so to prevent thermal degradation or deterioration at otherwise high temperature. ActiveZnO (EVA) with its finer particle size(higher surface area), is easier to disperse in polymer compounding so that uniform fine close-cell structure can be obtained on the formed polymers.

台翔活性氧化锌® (EVA) 作为 ADC(偶氮二甲酰胺)发泡剂的活化助剂, 可有效降低发泡剂的分解温度并提高发泡效率; 活化的发泡剂能降低高分子材料加工(发泡)操作温度, 避免因高温制造成材料变质及破坏。 台翔活性氧化锌®(EVA) 粒径小, 比表面积大, 容易在塑料和橡胶中分散; 采用分散性良好的台翔活性氧化锌®(EVA)发泡的聚合物无孔洞表面光滑。

## DOSAGE 使用剂量

We recommend trying initially ActiveZnO (EVA) by weight in substitution of regular (French process) ZnO powder.

使用台翔活性氧化锌®取代普通法(间接法)氧化锌粉末时，建议先沿用粉末使用剂量，视效果再酌量增减。

## MANUFACTURER (生产厂商)

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## IMPORTANT NOTE (备注)

Tai Xiang has sought to correct the above information, The information and data for reference purposes only. Concrete information please keep the standard of testing the kinds.

台翔公司对上述资料已力求正确，各项资料数据仅供参考，具体以实物检测为准。

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