

## VulcaPellet IS-8010

### 预分散台翔药胶 IS-8010

#### PRE-DISPERSED POLYMER BOUND

#### COMPOSITION (成份)

An exclusive pre-dispersed 80% insoluble sulfur (min. 90% insoluble sulfur) in a 20% elastomeric\* /processing aids binder (elastomeric\* binder can be SBR or EPDM).

预分散 80% 不溶性硫磺 (最低不溶性硫磺含量 90%) 于 20% 橡胶弹性载体\*

\*橡胶弹性载体可选择 EPDM 或 SBR

#### PROPERTIES (物性)

Appearance/外观	Yellow granules/黄色颗粒
Specific Gravity/比重 (g/cm <sup>3</sup> )	Approx. 1.45
Volatility/挥发度 (80°C/2hr)	< 1.0%
Mooney Viscosity/摩尼黏度 (ML 1+4 @ 50°C)	< 120
Storage Stability/储存期	Two year under normal storage conditions/ 在良好的保存环境下可保存两年
Packing/包装	25kg per paper bag/25 公斤纸袋

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

Pre-dispersed VulcaPellet IS-8010 is recommended where a more eco-friendly material, higher productivity and better dispersion is required. This often translates to lower bottom-line costing.

预分散台翔药胶 IS-8010 提升操作现场符合环保要求。同时与配方胶料兼容性高，提供更好的分散性。

其良好的加工性能能增进生产效率，降低成本。

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The active ingredient of VulcaPellet IS-8010 is insoluble sulfur with min. 90% insoluble sulfur content. It is of high thermal stability which could provide optimum resistance to conversion to rhombic sulfur at rubber processing temperatures. By being insoluble in elastomers, insoluble sulfur retards bin scorch, prevents migration of sulfur and preserves surface tack. This is important in the manufacture of tires and other plied-up rubber goods

预分散台翔药胶 IS-8010 有效成份是含量大于 90% 的不溶性硫磺。具备最高的热稳定性，能抑止橡胶备料过程还原成普通斜方硫的发生，有效提供操作所需的焦烧安全性。不溶性硫磺同时能避免硫磺在胶料的表面迁移，保持生产轮胎工艺所需胶料层间所需的黏性。

Fine insoluble sulfur powder has the tendency of electrostatic charge build-up and the formed agglomerates can result in inhomogeneous vulcanizates. Consequently it requires sufficient long mixing time under well-controlled conditions to disperse. VulcaPellet IS-8010 provides a faster mix at lower temperatures and better dispersion than when using the powder grade.

粉体不溶性硫磺因粒径细容易集结，造成硫化胶分散性不良。使用上需要较长的混炼时间及正确的混炼条件才能达到良好的分散。预分散台翔药胶 IS-8010 提供快速混炼及良好的分散性，能解决粉体不溶性硫磺加工上存在的不易混炼等问题。

There are loses as well as airborne dust from the ventilation system when applied powder insoluble sulfur on the open mill. Granule VulcaPellet IS-8010 prevents loses and improves handling without turning off the ventilation. It provides savings on materials as well as a better working environment.

现场使用粉体不溶性硫磺时通常添加于开炼机中，常因风扇系统四处扬逸造成物料损失及粉尘污染。

预分散台翔药胶 IS-8010 在开启的风扇系统中，颗粒不飞扬，操作方便，提供舒适工作环境。同时使用上没有粉尘损耗，充分利用物料。

## DOSAGE (使用剂量)

We recommend trying initially VulcaPellet IS-8010 at 1:1 by weight in substitution of insoluble sulfur powder. Dosage can be 0.3-3.0phr.

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使用预分散台翔药胶 IS-8010 取代硫磺粉末时，建议先沿用粉末使用剂量，视效果再酌量增减。使用量应介于 0.3-3.0phr。

## MANUFACTURER (生产厂商)

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## IMPORTANT NOTE (备注)

TaiXiang has sought to correct the above information. The information and data is for reference purposes only. Concrete information please keeps 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。