

## VulcaPellet CTP-80

### 预分散台翔药胶 CTP-80

#### PRE-DISPERSED POLYMER BOUND

#### COMPOSITION (成份)

An exclusive pre-dispersed 80% N- cyclohexyl thio adjacent benzene two methyl imide (antiscorching agent CTP) in a 20% elastomeric\* / processing aids binder (elastomeric\* binder can be SBR or EPDM).

预分散 80%N-环己基硫代邻苯二甲酰亚胺 ( 防焦剂 CTP ) 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	Grayish white granules/灰白色颗粒
Specific Gravity/比重 (g/cm <sup>3</sup> )	Approx. 1.15
Volatility/挥发度 (80°C/2hr)	< 1.0%
Mooney Viscosity/摩尼黏度 (ML 1+4 @ 50°C)	< 80
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	25 kg per paper bag/25 公斤纸袋

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

Pre-dispersed VulcaPellet CTP-80 is recommended where a more eco-friendly material, higher productivity and better dispersion is required. This often translates to cost saving.

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预分散台翔药胶 CTP-80 提升操作现场符合环保要求。同时提供更好的分散性及更宽广的兼容性。其良好的加工性能能增进生产效率降低成本。

VulcaPellet CTP-80 is a pre-vulcanization inhibitor that delays the onset of vulcanization with little or no influence on curing characteristics or vulcanizate properties. By preventing the rubber materials from scorching during processing, it improves the efficiency of processing operations such as makes possible for extruder and calendar to run at high temperature and high speed. In addition, it provides improved bin-storage stability of green stocks and in recovery of partially scorched compounds. It is most effective with sulphenamide accelerators but may also find use with others accelerators as thiazoles, guanidines, thiurams and dithiocarbamates. The activity of VulcaPellet®CTP-80 is dependent upon the polymer used in the following decreasing order of activity: NR> NBR> SBR> EPDM> IIR> CR.

预分散台翔药胶 CTP-80 为公认的优秀硫化防焦剂。用于天然橡胶和合成橡胶，能有效地防止胶料在加工过程中发生早期硫化，并可提高胶料的贮藏稳定性，防止存放时发生自然硫化。本品同时对于已经经受高热或具有焦烧危险的胶料具有再生作用。预分散台翔药胶 CTP-80 延迟次磺酰胺类促进剂焦烧的效果最为显著。但也可有效的应用于其他的促进剂（例如：噻唑类，秋兰姆与二硫代氨基甲酸盐类促进剂）。另外本品在不同配方胶种的防焦活性也有程度上的差异，一般而言依循下列的活性顺序递减：NR> NBR> SBR> EPDM> IIR> CR

## DOSAGE (使用剂量)

We recommend trying initially VulcaPellet CTP-80 at 1:1 by weight in substitution of CTP (N-(Cyclohexylthio) phthalimide) crystalline powder. Since VulcaPellet CTP-80 provides a linear response between Mooney scorch and loading level in most of compounds, it is therefore possible to obtain the needed processing safety by adjusting its dosage. Adjustments can be made according to actual effect. Dosage of VulcaPellet CTP-80 can be 0.1-0.4phr. Blooming does not generally occur in compounds containing less than 0.6phr of VulcaPellet CTP-80. However in higher than 0.4phr of VulcaPellet CTP-80, if necessary to keep the same moduli properties, additional sulfur as VulcaPellet S-80 can be added at 40% of additional VulcaPellet CTP- 80.

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使用预分散台翔药胶 CTP-80 取代结晶粉末 CTP 防焦剂时，建议先沿用粉末使用剂量，视效果再酌量增减。由于防焦剂 CTP 使用剂量的增减与迟延焦烧时间成线性比例，因此配方操作的安全性可藉由预分散台翔药胶 CTP-80 的使用剂量进行调整。使用量一般而言应介于 0.1-0.4phr。同时如果使用剂量不大于 0.6phr 吐霜现象不易发生。当台翔药胶 CTP-80 剂量大于 0.4phr 时，宜加再加入适量台翔药胶 S-80，以维持相同的物理性质。

### 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 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。