

VulcaPellet® S-80

预分散台翔药胶® S-80

PRE-DISPERSED POLYMER BOUND

COMPOSITION (成份)

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

预分散 80%斜方晶硫于 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 (g/cm ³) 比重	Approx. 1.50
Volatility (80°C/2hr) 挥发度	< 1.0%

Mooney Viscosity (ML 1+4 @ 50°C) 摩尼黏度	< 85
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 in paper bag. 25 公斤纸袋

RECOMMENDATIONS AND APPLICATIONS (应用范围及效果)

Pre-dispersed VulcaPellet® S-80 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® S-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。

The active ingredient, rhombic sulphur (S₈) or soluble sulphur, is still today the most common curative agent for unsaturated elastomer. VulcaPellet® S-80 is a curing agent for all natural and synthetic rubbers, which require a quick incorporation in the mix and an excellent dispersion of the sulphur. Due to the homogeneous dispersion in the rubber the occurrence of localized over-cured zones is avoided, which ensures an improved resistance against ageing and dynamic fatigue. The good dispersion of sulfur is of

particular advantage in soft compounds, in which a problem-free distribution of the sulfur is often very hard to achieve.

硫磺在橡胶硫化剂中占重要地位。其价格低廉,易于制取,故用量最大。台翔药胶[®]S-80使用上提供快速混合的良好分散性。良好的分散性能防止硫磺局部集结避免因局部集结所引起的过度硫化。进而保证硫化胶具有良好的物理机械及耐老化性能。因此台翔药胶[®]S-80适用于分散性要求高的软质橡胶加工中。

DOSAGE (使用剂量)

We recommend initially trying initially VulcaPellet[®]S-80 at 1:1 substitution of sulfur powder. Adjustments can be made according to actual effect. The dosage can be 0.3 to 3.0phr up to 55phr for ebonites.

使用台翔药胶[®]S-80 取代硫黄粉末时,建议先沿用粉末使用剂量,视效果再酌量增减使用量常介于 0.5 到 2.0phr。硬质胶中的用量于可达 55phr。

MANUFACTURER (生产厂商)

Foundry Chemical Inc.	台翔化工
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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。