



### DATA-SHEET

| SPECIFICATION & DATA SHEET<br>物质规格数据表 |                                      | Chemical Analysis:<br>化学分析 |  |
|---------------------------------------|--------------------------------------|----------------------------|--|
| Product Code:<br>产品编码                 | VA0160 2 097 42                      | Chemical Name:<br>化学名称     | Insoluble Sulfur<br>不溶性硫磺                                |
| Trade Name:<br>商品名称                   | Vulcanization agent OT20<br>硫化剂 OT20 | Molecular Weight:<br>分子量   | 256.50   |
| Molecular Formula:<br>分子式             | (S <sub>8</sub> ) <sub>n</sub>       | CAS No.:<br>CAS 编号:        | Polymeric Sulfur 9035-99-8                               |
|                                       |                                      |                            | Rhombic Sulfur 7704-34-98                                |
|                                       |                                      |                            | High pressure and hydrotreated naphthenic oil 64742-52-5 |
| Synonym<br>同类名称                       | Crystex OT20                         |                            |  |

#### Product Information: 产品资料

##### \*\*\*Specification 规格

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|---|------------------------------------|--|------|
| Appearance (visual inspection):<br>外观(目测)                                     | Non-rised yellow powder<br>黄色不飞扬粉末 | Ash Content %<br>灰份%   | 0.05 |
| Element Sulfur content%<br>元素硫含量%   | 80.0±1.0                           | Loss on drying (%)≤:<br>加热减量%≤                                     | 0.50 |
| InsolubleSulfur Content %(Occupled total S)≥<br>不溶性硫磺含量 % (占总硫元素) ≥           | 90.0                               | Residue (150µm)%≤<br>筛余物(150µm)%≤                                  | 0.50 |
| Oil Content%<br>油含量%  | 20.0±1.0                           | Acid Content (as H <sub>2</sub> SO <sub>4</sub> )%≤<br>酸含量(以硫酸计)%≤ | 0.05 |
| Specific Gravity at 20 °C(g/cm <sup>3</sup> )<br>20 °C的比重(g/cm <sup>3</sup> ) | 1.60-1.70                          |  |      |

##### \*\*\*Typical Properties 主要特性

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| Non-rised yellow powder with little odor, no poison. The relative density is 1.60-1.70. It is not stability, it can be reduced content and then become to soluble sulfur. Insoluble in CS <sub>2</sub> and water. | 黄色不飞扬粉末、稍有气味、无毒，相对密度 1.60-1.70，性质不够稳定，遇热容易降解转化成可溶性硫磺。不溶于二硫化碳和水。 |
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##### \*\*\*Recommended Applications 应用推荐

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| OT20 is designed for improved flowability and dispersibility.it has the following advantages:<br>Improved flowability. The improved product flowability provides easy handing, a less dusty enviroment and less tendency for product to compact.<br>Improved dispersibility. The special additive package in OT20 helps to reduce the tendency for electrostatic charge build-up and hence the formation of agglomerates which can be formed during mixing as a result of the small particle size of insoluble sulfur. | OT20 主要是为了提高产品的流动性和分散性而设计的。它主要有以下优点：<br>流动性能优良。能提高混炼时产品的流动性，较小的污染性，和较低的黏结的趋势。<br>较高的分散性。由于 OT20 里面添加了微量的特殊的助剂,这样就可以减小因为不溶性硫磺粒径较小而会造成静电累积的趋势,提高了其分散性。 |
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##### \*\*\*Handling and Storage recommendations 推荐操作储存条件

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| The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine.<br>12 months with the common storing condition. Recommend use of date is within 6 months. the reversion rate is less than 1%/year when stored in closed containers below 20°C. | 应储存在阴凉、干燥、通风良好的地方。<br>包装好的产品应避免阳光直射。<br>保质期：12 个月，建议最佳使用期：6 个月以内。在储存温度低于 20 度的时候，其一年内降解率低于 1%。 |
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##### \*\*\*Package 包装

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|----------------------------|---|
| Bag: 25kg/bag<br>包装:25kg/包 | Pallet(1.1*1.1*0.1): 900kg/P<br>托盘(1.1*1.1*0.1) : 900kg/P |
|----------------------------|---|