



DATA-SHEET

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

Product Information: 产品资料

***Specification 规格

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

***Typical Properties 主要特性

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 ₂ 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

OT20 is designed for improved flowability and dispersibility.it has the following advantages: Improved flowability. The improved product flowability provides easy handing, a less dusty enviroment and less tendency for product to compact. 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： 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。 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

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine. 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。 包装好的产品应避免阳光直射。 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

Bag: 25kg/bag 包装:25kg/包	Pallet(1.1*1.1*0.1): 900kg/P 托盘(1.1*1.1*0.1) : 900kg/P
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