



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code 产品编码	VA0161 2 097 42	Chemical Name 化学名称	Polymeric Sulfur 聚合硫化物
Trade Name 商品名称	Vulcanization Agent HD OT20 硫化剂 HD OT20	Molecular Weight 分子量	256.50
Molecular Formula: 分子式	S ₈	CAS No. CAS 编号	Polymeric Sulfur 9035-99-8
			Rhombic Sulfur 7704-34-9
			High pressure and hydrotreated naphthenic oil 64742-52-5
Synonym 同类名称	Crystex HD 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	Acidity (as H ₂ SO ₄ %)≤ 酸值(以硫酸计)%≤	0.05
Ash Content %≤ 灰份%≤	0.05	Loss on drying %≤: 加热减量%≤	0.50
Stability in high temperature (105°C15 minutes) insoluble sulfur content (On total S) %≥ 高温稳定性(不溶性硫磺含量)%≥	75.0	Stability in high temperature (120°C15 minutes) insoluble sulfur content (On total S) %≥ 高温稳定性(不溶性硫磺含量)%≥	50.0
Element Sulfur content % 元素硫含量%	80.0±1.0	Residues (150µm) %≤ 筛余物(150µm) %≤	0.10
Oil Content % 油含量%	20.0±1.0	Residues (63µm)%≤ 筛余物(63µm)%≤	0.50
Insoluble Sulfur Content %(On total S)≥ 不溶性硫磺含量%(占总硫元素)≥	90		

***Typical Properties 主要特性

Non-rised yellow powder with slight odor, non-toxic. HD OT20 is not stable and At vulcanization temperatures it will de-polymerize to soluble sulfur. HD OT20 is insoluble in CS ₂ and water.	黄色不飞扬粉末、稍有气味、无毒, 性质不够稳定, 在硫化温度时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

HD OT20 is a non-blooming vulcanizing agent for unsaturated. It is polymeric sulfur and is insoluble in elastomers. So it will retard bin scorch, prevent migration of sulfur and preserve surface tack. This is important in the manufacture of tires and other plied up rubber goods. HD OT20 is a special grade with high thermal stability dispersibility. It is used in compounds containing a relatively large sulfur loading above the solubility of sulfur in the elastomer.	HD OT20 是一种用于不饱和弹性体的不喷霜硫化剂。它是一种聚合硫磺, 不溶于弹性体, 因此它可以延迟胶料的停放焦烧时间, 防止硫磺迁移以及保证胶料表面自粘性。这一点对轮胎及粘合橡胶制品的制造很重要。HD OT20 是一种具有高热稳定性高分散性的特殊产品。 当配方中硫磺的用量较大地超过了它在弹性体中的溶解能力时, 常需用本品。
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***Handling and Storage recommendations 推荐操作储存条件

HD OT20 should be stored in a well-ventilated area below 30°C, Avoiding exposure of the packaged product exposure to direct sunlight. Do not store near by alkaline. 12 months with the common storing condition. Recommend use of date is within 6 months.	HD OT20 储存温度低于 30°C。通风要良好, 避免阳光直射, 不能和胺类物质贮存在一起。 保质期: 12 个月, 建议最佳使用期: 6 个月以内。
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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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