DTDM TDS

Product Name	Accelerator(Vulcanising agent)DTDM		
Chemical name	4,4′-Dithiodimorpholine		
Classification	Vulcanising agent		
Molecular formula	$C_8H_{16}N_2O_2S_2$		
CAS No.	103-34-4		
Specification			
Item	Unit	Crystal powder	Powder
Physical Form	--	White	
Initial Melting Point	℃ min.	120.0	120.0
Heating Loss	% max.	0.30	0.30
Ash Content	% max.	0.30	0.30
Sieve Retention(160μm)	% max.	--	0.10
Assay	% min.	97.0	97.0
Application	1、DTDM is suitable for vulcanizing temperature between 140℃ and 200℃, with good scorching safety, its vulcanizing speed is accelerated after reaching the vulcanizing temperature, and the vulcanizing characteristics are ideal. 2、DTDM has no blooming and pollution and is easy to disperse in sizing material, with good processability. 3、DTDM vulcanizes rubber by releasing active sulfur, has high efficiency vulcanization performance, and can greatly improve the reducibility resistance of vulcanized rubber. 4、DTDM can decompose morpholine radicals of amine antiager in sizing material, and enables the vulcanized rubber to have excellent heat resistance and anti-oxidative aging performance. 5、DTDM with good excellent thermal performance is used to produce dynamic heat-resistant rubber products, can reduce heat build-up property NR and SNR, and is an extremely ideal rubber vulcanizer.		
Storage	To keep the bags tightly closed in a cool, well-ventilated place.And to avoid from moisture, sunshine, light and fires. The recommended max.shelf life is one year.		
Package	25kg paper bag or PP weaved bag lined with plastic bag. Or to pack as required.		

DTDM

产品名称	硫化剂 DTDM		
化学名称	4-4’-二硫化二吗啉		
分子式	$C_8H_{16}N_2O_2S_2$		
类别	硫化剂		
CAS号	103-34-4		
技术指标			
特性	单位	指标	
形状	--	结晶粉	粉
外观	--	白色	
初熔点	%≥	120.0	120.0
加热减量	%≤	0.30	0.30
灰分	%≤	0.30	0.30
筛余物(160μm)	%≤	--	0.10
含量	%≥	97	97
用途	DTDM能适应140℃-200℃硫化温度，焦烧安全性好，到达正硫化温度后硫化速度加快，具有理想的硫化特性。DTDM在胶料中不喷霜、不污染、易分散，具有良好的加工性能。DTDM以释放出的活性硫硫化橡胶，具有高效硫化性能，能显著提高硫化胶的抗还原性。DTDM在胶料中能分解出具有胺类防老剂的吗啉自由基、可使硫化胶具有优良的耐热抗氧老化性能。DTDM具有良好的热性能，用于动态耐热橡胶制品的制造，可降低生热性NR和SNR，是极为理想的橡胶硫化剂。我厂开发的无尘充油型DTDM，除上述产品优点外，还具有细度高粉体湿润的特点，在胶料加工中更不易飞扬，不污染和分散性好的加工性能，并有利于橡胶与其它材料的粘合。DTDM可作为天然胶和各种合成胶及其并用胶硫化剂使用。适用于各种动态制品，常用于子午线轮胎、工程轮胎、斜胶胎、丁基内胎和橡胶密封件等高品质橡胶制品的制造，还可用作高速公路沥青稳定剂。		
储存	存放在阴凉、干燥通风处；远离湿、热；避开明火和阳光。建议储存期为一年。		
包装	25千克纸塑复合袋，内衬塑料袋。或根据要求包装。		