



Products Show

Rubber Accelerator



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COMPANY PROFILE

YuSheng Enterprise Limited established in 2001, committed to rubber industry raw materials production and sales for more than 20 years.

After years of development, Yusheng has become a professional supplier of raw materials of rubber products, selling and serving tire and rubber products manufacturers in Europe, South America, Southeast Asia, India, Pakistan, the Middle East and other regions.

Yusheng is having more than 160+ stable and long-term manufacturing bases, which can provide one-stop raw material services for manufacturers in rubber industry. We sincerely invite rubber professionals from all over the world to join our global supply chain service system and become our partner to achieve win-win development.





Accelerator

Product classification

- Thiazoles accelerator
- Sulphenamides accelerator
- Thiurams accelerator
- Guanidines accelerator



Thiazoles Accelerator

Thiazoles accelerator classification

- MBT(M)
- MBTS(DM)

Thiazoles Accelerator

MBT(M) specification :

GB/T 11407-2013

NAME OF INDEX	TECHNICAL SPECIFICATIONS
Appearance	grayish-white to light yellow powder or granule
Melting point, °C ,min	170.0
Heating loss,% ,max	0.40
Ash content,% , max	0.30
Residue(150μm),% ,max	0.05
Purity,% ,min	97.0

Remarks: according to customers' standards if they have special requests or specifications.



Thiazoles Accelerator

MBT(M) characteristics

Grayish-white or light yellow powder with slightly foul odour and bitter taste, non-poisonous. Specific gravity:1.42-1.52.Melting point:over 170°C . Easily soluble in ethyl acetate, acetone, dilute solution of sodium hydroxide and sodium carbonate, soluble in ethyl alcohol, not easily soluble in benzene, insoluble in water and gasoline. Stable in storage.



Thiazoles Accelerator

MBT(M) applications

Accelerator M is a hemi-ultra accelerator of NR and SR, has wide range of vulcanization. It can be applied alone and together with dithiocarbamates, thiuram type, guanidines and other alkaline accelerators. Mainly used in manufacture of rubber tires, belts, rubber shoes and other technical rubber goods.

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Thiazoles Accelerator

MBT(M) packing :

In knitted bag lined with plastic bag or kraft paper bag. 25kgs/bag or at buyers ' request.



Thiazoles Accelerator

MBTS(DM) specification :

GB/T 11408-2013

NAME OF INDEX	TECHNICAL SPECIFICATIONS
Appearance	grayish-white to light yellow powder or granule
Melting point, °C ,min	166.0
Heating loss,%,max	0.40
Ash content,%, max	0.40
Residue(150μm),%,max	0.05
Free,MBT,%,max	1.0
Purity,%,min	95.0

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Thiazoles Accelerator

MBTS(DM) characteristics

White or light yellow powder with slightly bitter taste, nonpoisonous. Specific gravity:1.45-1.54. Melting point:over 160°C . Soluble in chloroform, slightly soluble in benzene, ethyl alcohol and carbon tetrachloride, insoluble in gasoline, water and ethyl acetate. Stable in storage.

Thiazoles Accelerator

MBTS(DM) applications

The product is an accelerator of NR and SR. It has level and middle cure rate and higher Vulcanization temperature. It operates safely, disperses easily and does not contaminate. It is aging resistant. Mainly used in manufacture of tires, rubber tubes, rubber shoes, rubber cloth and other technical rubber goods. Accelerator MBTS works as plasticizer and delayed action activator in polychloroprene.



Thiazoles Accelerator

MBTS(M) packing:

In knitted bag lined with plastic bag or kraft paper bag. 25kgs/bag or at buyers ' request.





Sulphenamides Accelerator

Sulphenamides accelerator classification

- CBS(CZ)
- MBS(NOBS)
- TBBS(NS)
- DCBS(DZ)



Sulphenamides Accelerator

CBS(CZ) specification :

GB/T31332-2014

NAME OF INDEX	TECHNICAL SPECIFICATIONS
Appearance	Grayish white or yellowish powder
Melting point, °C ,min	98.0
Heating loss,% ,max	0.30
Ash content,% , max	0.30
Residue(150µm),% ,max	0.05
Free amine,% ,max	0.50
Insoluble In methanol,% ,max	0.50
Purity,% ,min	97.0

Note: according to customers , standards if they have special requests or specifications.

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Sulphenamides Accelerator

CBS(CZ) characteristics

Greyish white or yellowish powder with slightly odour and nonpoisonous. Specific gravity:1.31-1.34. Melting point: over 96°C .Soluble in benzene, methylbenzene, chloroform, carbon disulfide, carbon tetrachloride, methylene chloride, acetone and ethyl acetate; not easily soluble in ethyl alcohol; insoluble in water, dilute acid, dilute alkali and gasoline.

Sulphenamides Accelerator

CBS(CZ) applications

CBS(CZ) is an accelerator with high activity and has greatly delayed action, high anti-scorching quality, processing safety, short cure time. Its activity can be reinforced by thiuram and dithiocarbamate type alkaline accelerators. Mainly used in manufacture of tires, rubber shoes, rubber tube, cable and other technical rubber goods.



Sulphenamides Accelerator

CBS(CZ) packing:

In knitted bag lined with plastic bag or kraft paperbag.25kgs/bag or at buyers ' request.



Sulphenamides Accelerator

MBS(NOBS) specification :

GB/T8829-2006

NAME OF INDEX	TECHNICAL SPECIFICATIONS
Appearance	Light yellow or orange yellow granule
Melting point, °C ,min	79.0
Heating loss,%,max	0.50
Ash content,%, max	0.30
Insoluble In methanol, % ,max	0.50
Free amine,%,max	0.50
Purity,%,min	97.0

Note:according to customers , standards if they have special requests or specifications.



Sulphenamides Accelerator

MBS(NOBS) characteristics

Light yellow or orange yellow colour pellet with a little amine taste.

Nonpoisonous. Melting point: over 78°C . Specific gravity:1.34-1.40. Soluble in benzene, acetone, chloroform; insoluble in water, dilute acid and dilute alkali.

It will gradually resolve when it is heated over 60°C .

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Sulphenamides Accelerator

MBS(NOBS) applications

NOBS is a vulcanization accelerator with delayed action, short cure time, has high anti-scorching quality and processing safety. It is suitable for NR and SR. Mainly used in manufacture of tires, rubber tubes, rubber shoes, rubberized tape and other technical rubber goods.



Sulphenamides Accelerator

MBS(NOBS) packing:

In knitted bag lined with plastic bag or kraft paper bag. 25kgs/bag or at buyers ' request.



Sulphenamides Accelerator

TBBS(NS) specification :

GB/T21840-2008

NAME OF INDEX	TECHNICAL SPECIFICATIONS
Appearance	White to yellowish powder or granule
Melting point, °C ,min	104.0
Heating loss,% ,max	0.40
Ash content,% , max	0.30
Residue(150µm),% ,max	0.05
Insoluble In methanol, % ,max	0.50
Free amine,% ,max	0.50
Purity,% ,min	96.0

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Sulphenamides Accelerator

TBBS(NS) characteristics

It is white or yellowish powder. Density:1.26-1.32g/cm³. Soluble in benzene, chloroform, carbon disulfide, acetone, methanol, ethanol, but hard in gasoline, insoluble in water, dilute acid and dilute alkali.

Sulphenamides Accelerator

TBBS(NS) applications

NS is a Vulcanization accelerator with delayed action, short cure time, has high anti-scorching quality, processing safety. Widely used in all sorts of rubber products and tires, especially the meridian tires. The product is an excellent delayed accelerator with more delayed action and great curing rate and other advantages.



Sulphenamides Accelerator

TBBS(NS) packing:

In knitted bag lined with plastic bag or kraft paper bag. 25kgs/bag or at buyers ' request.



Sulphenamides Accelerator

DCBS(DZ) specification :

HG/T4140-2010

NAME OF INDEX	TECHNICAL SPECIFICATIONS
Appearance	Light yellow to light pink powder
Melting point, °C ,min	97.0
Heating loss,%, max	0.40
Ash content,%, max	0.30
Insoluble In methanol, % ,max	0.40
Free amine,%,max	0.50
Purity,%,min	98.0
NAME OF INDEX	TECHNICAL SPECIFICATIONS

Note: according to customer standards if they have special requests or specifications.

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Sulphenamides Accelerator

DCBS(DZ) characteristics

Light yellow to light pink powder. Density:1.26-1.32g/cm³ . Melting point: over 96°C . Insoluble in water, soluble in gasoline, easily soluble in ethanol, aether, acetone, benzene, toluene, methylene chloride, carbon tetrachloride, ethyl acetate and other organic solvent.

Sulphenamides Accelerator

DCBS(DZ) applications

The product possess the best antiscorching quality of sulfenamide type accelerators. Its antiscorching quality and processing safety in natural rubber are better than that of DIBS. Mainly used in manufacture of tires, rubber belts and shock absorber.



Sulphenamides Accelerator

DCBS(DZ) packing:

In knitted bag lined with plastic bag or kraft paper bag. 25kgs/bag or at buyers ' request.





Thiurams Accelerator

TMTD(TT) specification : HG/T2334-2007

NAME OF INDEX	TECHNICAL SPECIFICATIONS
Appearance	White or grayish powder
Melting point, °C ,min	140.0
Heating loss,% ,max	0.30
Ash content,% , max	0.30
Residue(150µm),% ,max	0.05
Purity,% ,min	96.0

Note: according to customers , standards if they have special requests or specifications.



Thiurams Accelerator

TMTD(TT) characteristics

White or greyish powder. Specific gravity:1.29. Soluble in benzene, acetone, chloroform, carbon disulfide. Insoluble in water and gasoline.

Thiurams Accelerator

TMTD(TT) applications

TMTD is used as a vulcanization accelerator in the rubber industry, It is suitable for NR and SR. Mainly used in the manufacture of tires, rubber shoes, cable and other technical rubber goods. Used as germicide and insecticide in agriculture, also as lubricant additive.



Thiurams Accelerator

TMTD(TT) packing:

In knitted bag lined with plastic bag or kraft paper bag. 25kgs/bag or at buyers ' request.





Guanidines Accelerator

DPG(D) specification: HG/T2342-2010

NAME OF INDEX	TECHNICAL SPECIFICATIONS
Appearance	White or grayish white powder
Melting point, °C ,min	144.0
Heating loss,% ,max	0.30
Ash content,% , max	0.30
Residue(150µm),% ,max	0.05
Purity,% ,min	97.0

Note:according to customers , standards if they have special requests or specifications

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Guanidines Accelerator

DPG(D) characteristics

Without odour and poison. Density:1.13-1.19g/m³. Easily soluble in acetone, ethyl acetate; Soluble in benzene, ethanol; Slightly soluble in carbon tetrachloride; Insoluble in water and gasoline.

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Guanidines Accelerator

DPG(D) applications

Generally used for natural and synthetic rubbers. Mainly used in manufacture of tires, slab rubber, rubber shoes and other technical rubber products.



Guanidines Accelerator

DPG(D) packing:

In knitted bag lined with plastic bag or kraft paper bag.20kgs,25kgs/bag or at buyers ' request.





Trustworthy Partner of Rubber Raw Materials

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