



Kemai (Tianjin) Chemical Technical Co., Ltd.

Gongnong Village, Gulin Street, Dagang Dist., Tianjin 300272, China

Fax: [+86](022)24379994 Phone:[+86](022)24711698

<http://www.tjkemai.com/>

Technical Data Sheet

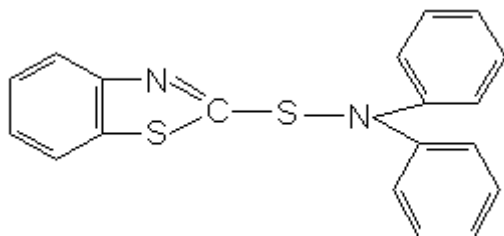
DCBS

N,N-dicyclohexy-2-benzothiazoles sulphenamide,

CAS NO.: 4979-32-2

Chemical Molecular: $C_{19}H_{28}N_2S_2$

Chemical Structure:



APPLICATION

A slow curing delayed action accelerator. Suitable for rubber compounds where direct bonding to brass surfaces or brass coated steel wires is required. DCBS has the best scorch resistance of the whole range of sulfenamide accelerator. It produces a markedly slower cure and lower modulus than CBS, TBBS and NOBS.

HANDLING PRECAUTIONS

For detailed information on toxicological properties and handling precautions please refer to the current Safety Data Sheet.

STORAGE RECOMMENDATIONS

Store DCBS in single stacked pallets in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Double stacking of palletized material and/or exceeding 35°C can result in unusual compaction of product.

PACKAGING: 25kg paper bag.

SPECIFICATION:

No.	Item	Specification			Test method
		powder	Oil powder	granular	
1	Appearance	grayish white or light yellow or powder or granular			Visual
2	Initial melting point °C ≥	98.5	98.5	98.5	JS-JY-FF-01/B
3	Heat loss % ≤ (70°C, 5g,3h)	0.35	0.35	0.35	JS-JY-FF-02/B
4	Ash (550°C, 2g) % ≤	0.30	0.30	0.30	JS-JY-FF-03/B
5	Cyclohexane insolubles % ≤	0.50	0.50	0.50	JS-JY-FF-12/B
6	Purity % ≥	—	96.5	96.5	JS-JY-FF-09/B
7	Free amine % ≤	0.30	0.30	0.30	JS-JY-FF-09/B
8	Pellet hardness (Mean. value) N ≤	—	—	2	JS-JY-FF-05/B
9	Oil content %	—	1.5±0.5	—	JS-JY-FF-06/B

