



Fujian Anyuan (Antai) Rubber Technology Co., Ltd  
Shenzhen Mingpai Technology Co., Ltd

Curing agent S80 Technical Instructions(TDS)

Active ingredients	SULFUR	Other ingredients	rubber、 oil、 ect
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Product introduction

It is a pre-dispersed curing agent used in natural rubber and diene synthetic rubber, which is easily dispersed in rubber materials and commonly used in ordinary sulfur vulcanization systems to form polysulfide bonds. It has good initial fatigue performance and dynamic and static performance. It can be used in combination with sulfurizers with sulfur carriers to form an appropriate amount of polysulfide bonds, single and double sulfur bonds, which not only has good dynamic performance. S80 has a very good dispersibility . No dust generated during use, suitable for automatic weighing.

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Items	appearance	density	content	ash content	Mooney
Unit	yellow columnar	g/cm <sup>3</sup>	%	%	ML(1+4)50°C
Index	—	1.22±0.03	80.0±0.5	≤5	≤50

Usage method

This product generally needs to be used in the presence of zinc oxide and stearic acid.  
Add it in mixer or open mill, keep the temperature of the rubber compound under 90°C  
Before the rubber sheets deposit or transport, make sure the sheets are cool  
Suggested dosage: 1.0phr-5.0phr, please increase or decrease as needed

Package specification/ shelf life

25kg/ bag  
Twelve months from the date of production. If the storage is expired, it can still be used after re inspection

Attention points

1. This product is flammable, avoid contact with fire	<b>Flammability</b>  <b>flammable</b>
2. Keep away from non-polar oil to prevent its melting and deterioration	
3. Store in a well ventilated and dry place	

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