



南京曙光化工集团有限公司

Nanjing Shuguang Chemical Group Co.,Ltd.

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## Antioxidant SG-R 601

**Chemical Name:** Styrenated diphenylamine (SDPA)

**CAS NO.:** 68442-68-2

**Product appearance :** Light gray powder

### **Application:**

SG-R601 has good anti-oxidation performance. It has both anti-oxidation as HALS has, and non-contamination as phenolic antioxidant has. It is widely used in natural or synthetic rubbers to replace antioxidants with contamination and toxicity. SG-R 601 is a highly effective, nontoxic, low cost rubber antioxidant, has excellent heat and oxidation resistance, can improve fatigue damage of crosslinked rubber under many cycles flexible distortion condition, and has good synergistic effect with antioxidant RD, 4010 to improve aging resistance and tear resistance, so it is used in manufacturing many kinds of rubber products such as tires, rubber hoses, rubber belts, rubber shoes and latex products. The common dosage is 1%-3%. It can also be applied to colored products of polyethylene, polyamide, polypropylene and cellulose. SG-R 601 also acts as stabilizer for various synthetic rubbers, the dosage is 0.5%~1.5%. In view of its poor anti-sunlight performance, it should be avoided to be used under sunlight.

**Packing:** Packed with PE bag or cardboard drum, also can be packed according to customer's requirement.

**Storage:** Seal and store it in a cool, dry and ventilated place, keep moisture-proof and waterproof, far away from kindling material and heat source.