



VG-301

CROSSLINK ADDITIVE

STRENGTHEN MECHANICAL PROPERTIES



FORMS

1. Form: Pellets
2. Color: Natural
3. Packaging: 25 kg/bag

CERTIFICATIONS

1. SGS 8 Heavy Metals Free, Report TE/2015/10043
2. SGS PAHs Free, Report TE/2015/10043
3. SGS 14P Free, Report TE/2015/10043

FEATURES

1. Highly compatible with various rubber and plastic, it can be applied without modifying the mechanism and process. Can be suitably used as a peroxide DCP crosslink co-agent for foaming and non-foaming EVA, PE, POE, or EPDM materials and for a wide range of rubber and plastic related products. Based on the requirements of the formulation base materials, VG-301 additive can be adjusted in the range of 0.2 ~5 times the amount of DCP within the formula.
2. When VG-301 is added into peroxide DCP crosslink formula, it elevates and reinforces the mechanical properties of products thoroughly, such as hardness, elasticity, tenacity, better compression set (compression enhancement), heat bearing durability, oil durability, bending resistance and impact resistance.
3. Only a small amount of VG-301 is required to fully elevate and reinforce your products' properties from all aspects. Moreover, VG-301 lowers down vulcanizing duration, thus increases the productivity and maintains properties at certain level, which also lowers the cost.
4. VG-301 is a unique companion to Victory General Technology Co.'s TPE modifiers which results in good touching feeling, and better compression set, especially to our own manufactured TPE modifiers.

PROCESSING PRECAUTIONS

1. Processing temperature must be lower than 120°C when mixing to prevent VG-301 from decomposing early.
2. Lower the amount of Stearic to prevent pin holes and bubbles to appear on the surface of finished products.

SUGGESTED AMOUNT ADDING:

1. Plastic Resins: For EVA, PE, TPE, and POE, etc, the amount of VG-301 applied is based on 0.2 ~5 times the amount of DCP crosslink agent within the formula.
2. Natural and Synthetic Rubbers: For NR, IR and EPDM, etc. The amount of VG-301 applied is based on 1 ~5 times the amount of DCP crosslink agent within the formula.

STORAGE

1. Keep in cool place without being exposed to direct sunlight. Store it at temperature below 50°C.
2. Keep out of fire and heat.
3. For better storage, keep the packaging sealed if unused up.