

Rubber Homogenizing Agent

ZR-100

Composition: aliphatic, naphthenic, aromatic and other resin composites

Appearance: black-brown lump or granular solid

Packaging: double-layer packaging consisting of plastic bag and compound woven paper bag.

Net weight: 25kg/bag

Storage period: Two years in ventilated, dry warehouses containing no corrosive goods

Softening point: 95.0-105.0°C

Heating loss (55°C): ≤1.0%

Inorganic content (950°C): ≤2.0%

Scope of application:

Applicable for tires and dark rubber products.

Characteristic performance:

1. ZR-100 can improve the uniformity of mixing between various polar rubbers, and improve the dispersion and uniformity of various fillers.
2. After use, ZR-100 can quickly reduce the Mooney viscosity of the rubber compound, improve the fluidity of the rubber compound, reduce the mixing time, increase the extrusion rate and calendering rate of the rubber compound, and ensure the dimensional stability of the product.
3. ZR-100 can improve the viscosity of the rubber compound and prevent roll release of the rubber compound. It is an excellent homogeneous softening agent for natural rubber and other rubber types, and can also improve the air tightness of butyl rubber and halogen butyl rubber.

Instructions:

ZR-100 is added together with other chemical complexing agents during the early mixing process.

Recommended dosage:

Add the rubber homogenizing agent in 2-15% of the amount of crude rubber.