



Shenyang LongGreen Science&Technology Co., LTD

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technical description

LongGreen 16X

Rubber processing accelerator

Product Description: beige, lentil-shaped granules

Use and operation:

LongGreen 16X improves the flow properties of polymeric compounds by reducing viscosity and promoting slippage at the rubber-to-metal interface. This leads to higher extrusion rates, improved dimensional stability and a constant level of die swell. During injection moulding LongGreen 16X improves mould flow. It prevents sticking to the metal surfaces and enhances demoulding without mould fouling. It is recommended to use LongGreen 16X when the mould has a complicated geometry. At the mixing stage LongGreen 16X prevents sticking to roll surfaces and the rotors of the internal mixer. LongGreen 16X has an activating effect on the cross-linking rate of sulphur cross-linked polymer compounds. In CR compounds LongGreen 16X has a stabilizing effect. Processing safety is increased.

LongGreen 16X can be added to the polymeric compound any time during the mixing cycle. In order to optimize the releasing effect, it is advisable to add LongGreen 16X just before the mixing cycle, e.g. at the heating before calendaring

Quantity of uses:

in EPDM: 1 - 3 phr	in IIR: 2 - 5 phr
in BIIR/CIIR: 2 - 5 phr	in CR: 2 - 4 phr
in IR: 2 - 3 phr	in ACM: 1 - 3 phr
in BR: 2 - 3 phr	

specific please contact our technical services.

Recommended use:

calendered, technical moulded and extruded articles

Typical physicochemical indexes:

Appearance: beige, lentil-shaped granules

Density: approx. 1,03 g/cm³ (20°C)

Solubility: insoluble in water, partially soluble in acetone, ethanol, benzene

Ash content: 6,4 %

Melting range: 80 - 105 °C

Acid number: max.22 mg KOH/g

Discolouration of vulcanizates: none

Physiological properties: see safety data sheet

Packaging and storage:

Plastic bag, 25 kg

in original closed containers under cool and dry conditions max. 3 years

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