



Technical Data Sheet

Zincolet – BSN (L) – NS ECO

Processing Additives

Composition : Mixture of aliphatic hydrocarbon liquid resins with natural esters.

Specification : Colour : Orange/Honey
Appearance : Viscous Liquid
Ash content (%) : 0.5 Max.

Uses and Benefits :

- Zincolet BSN (L) – NS ECO is compatible used in Technical goods based on natural or synthetic rubber (especially NBR or CR), e.g. hose and seals for vehicles, aircraft and machinery in general; moldings and extrudates; roll covers; conveyor and transmission belting; cable sheathing, proofing.
- Zincolet BSN (L) – NS ECO is the less viscous form of the high viscosity Zincolet BSN (L) – NS. The product is easy to weigh and dose. It easily incorporates and disperses homogenously in all rubber compounds

Dosages : In NR, NBR, CR, IIR 2 to 20 phr,
SBR 5-15 phr

Application :

- Zincolet BSN (L) – NS ECO increases the building tack of mixes based on synthetic rubber and improves processability.
- It is an excellent tackifying and plasticizing material for NR, NBR, CR, IIR, and NBR/PVC blends.
- It is an excellent tackifier for EPDM based formulations.

At 5 to 20 percent loading, Zincolet – BSN (L) – NS ECO imports the following properties to the vulcanisate:

- a) Excellent wetting properties at milling temperature.
- b) It easily incorporates and disperses homogenously in all rubber compounds.
- c) Extensive tack to the polymer, which because of resins saturated structure, is not rapidly degraded due to the oxidation.
- d) Good electrical properties.
- e) Improvement in green strength.
- f) Good oxidation resistance due to its saturated structure.
- g) Good ultra-violet resistance.

Packing : 30 kg or 200 kg PVC Drum.

Storage stability : Up to 2 Years In normal storage conditions.

Handling : Consult material safety data sheet (MSDS) for additional handling information for Zincolet-BSN (L) – NS ECO.

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