

POLYKIM - TR(L)

General Information

It is an amber coloured liquid resin to be used in all types of rubber during mastication.

Typical constitution

1. Active content as "PTR" - 85%
2. Solol - 13%
3. CAS - 2%

Solubility : Generally in all types of organic solvents and plasticizer.

Typical Physico - Chemical properties

1. Dark amber colour
2. Softening point - 28° c to 33° c
3. Specific gravity - 0.897 to 0.899
4. Acid Number (Max) - 4
5. Iodine Value - 20 to 22
6. Ash content - 0.335 to 1
7. Viscosity (30° in ford Cup) - 1800 to 2000 Sec.

Compatibility

It is compatible with natural and synthetic rubbers such as styrene-butadiene, acrylonitrile butadiene and ploychloroprene rubbers and imparts excellent tack at 5 - 10 phr loading.

Special features

It is an excellent takifying and plasticizing material for natural & synthetic rubbers. Because of its neutral character, good alkali & acid resistance, good dielectric properties and compatibility with natural and synthetic rubbers, polykim-TR (L) is an ideal substitute for imported resins such as ' Coumarone Idene '.

It is an excellent tackifier for EPDM based formulations.

At 5 to 8 percent loading, Polykim-TR(L) imparts the following properties to the vulcanisate.

- a) Excellent wetting properties at milling temperature.
- b) Extensive tack to the polymer, which because of resins saturated structure, is not readily degraded due to the oxidation.
- c) Good electrical properties.
- d) Improvement in green strength.
- e) Good oxidation resistance due to its saturated structure.
- f) Good ultra-violet resistance.

Packing:
190/25 Kg MS drum