

Coumarone Indene Resins

Properties and Characteristics

Coumarone indene resins exhibit excellent resistance to alkalis, dilute acids, heat and moisture. These resins are suggested for use in adhesives, softeners, rubber compounds, and aluminum paints.

Specifications

| Property | Value | |
|-------------------|---------------------------------|--------------|
| CAS Number | 63393-89-5 | |
| EINECS Number | 90641-03-5 | |
| Molecular Formula | C ₈ H ₆ O | |
| Appearance | Brown-yellow liquid | Black liquid |
| Softening Point | 80-100°C | 70-105°C |
| Ash Content | 0.1% max | 0.5% max |
| Acid Value | 0.1-0.5 mgkOH/g | 0.5 mgkOH/g |
| Heating Loss | 0.1% | 0.1% |

Applications

Coumarone indene resins are used in the manufacture of resin slabs for floors, linoleum, coatings, glues, adhesive insulating tape, artificial leather, and printer's ink. They also serve as plasticizers in certain types of rubber, as a binder in the manufacture of abrasive tools, and as impregnation for paper and textiles to ensure water resistance. Expensive natural resins are replaced by coumarone-indene resins in the preparation of paint and varnish materials.

Packaging

25kg paper-plastic compound bags, or according to customer's requirements.

Storage and Handling

Store in a dry and cool place, away from toxic, corrosive, and flammable substances. Product should not be exposed to strong sunlight or rain and should not be transported with sand, soil, scrap metal, coal, glass or other incompatible materials.