

Technical Data Sheet

Petroleum Resin Modified C5

Specifications:

| Item /Type | KT-1130 | KG-1100 |
|--|---------|---------|
| Color Gardner (1 :1 with toluene): max | 2 | 5 |
| Softening point °C | 126-135 | 95-105 |
| Acid value (mg KOH/g) max | 0.1 | 1 |
| Ash Content: max | 0.3 | 0.3 |
| Viscosity (200°C) cps max | 1100 | |
| Bromine Value (g Br/100g) max | 40 | |

KG-1100 modified C5 is thermoplastic low molecular weight polymers, light color, odorless, Good Thermal Stability. And it has the advantages of C5 petroleum resin and C9 petroleum resin, with excellent compatibility with a wide range of polymers and thermoplastic elastomers, especially EVA, SBS, SIS. Widely used in adhesive, road marking paints, high-grade paints coatings, rubber tire etc.

Usage:

Mainly use in hot melt adhesive pressure adhesive sealant as tackifier, or use in rubber, tire and plastic modified as tackifier and processing aids, also can use in coating and hot melt road marking printing as auxiliary etc.

Packaging Storage and Transportation:

Packed in 25 kg woven plastic bags must be kept away from heat and flame and stored in dry and cool place.

Notice:

Pastille, granules & flake forms of low to medium softening point resins may fuse, block, or lump under the following conditions:

- (1) during hot weather months.
- (2) if stored near steam pipes or other sources of heat.
- (3) upon prolonged storage.

Blocking or fusion of the product does not indicate any degradation in quality or performance.

Pastille, granules & flakes resins are prone to gradual oxidation, resulting in darkening or changes in the resin's solubility or compatibility in solvents and polymers. The rate of oxidation is contingent upon the type of resin. This resins are very oxidation resistant, but good manufacturing practice suggests that older stocks be used first. This resins have been stored for up to two years with no observable change in properties. For storage periods exceeding one years the material should be re-tested to verify compliance with product specifications, but there is no indication that these products cannot be stored for many years without affecting performance.

All pastille granules & flakes resins will form some fine dust during normal storage and handling and can form explosive dust-air mixtures. The material may accumulate a static charge which could provide an ignition source. Equipment used to process resins should be grounded to minimize

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the accumulation of static charge.

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