

## Technical Data Sheet

# Hydrocarbon Aliphatic C5 Resin Road Marking

### Specifications:

Item /Type: YGR-1000, QLH-100, R1200, XR-100, KT-1200R	Standard
Polymerization process	Cold
Color Gardner: max	5
Softening point : °C	100±5
Acid value: (mg KOH/g ) max	1.0
Ash Content: max	0.1
Melt Viscosity (at 200 °C) mPa · S max	250
Specific Gravity	0.97

They are an aliphatic resin with a unique combination of light color and moderate softening point. It is applicable for hot melt road paint, which can enhance the tenacity, rigidity and adhesive force to the road and form smooth paint surface, and also ensures the stable state of the resin in the all seasons, and have a better mixing with rosin-like resin by adding auxiliary agent...

Excellent fluidity, drying quick, heat-stabilized, filler distributed evenly, weathering resistance, stain resistance, excellent adhesion and leveling.

### Usage:

Hot melt road marking paint and hot melt coating, also can be used in SBS Bitumen Modification

### Packaging Description:

Packed in 25 kg Kraft paper bags

Loose bags: 17 tons per 20' Container

On pallet: 30 bags/ pallet (6 layers of 5 bags = 750kg/ pallet) 20 pallets per 20' CTR (15 tons)

Or on pallet: 52 bags/pallet, 20 pallets(26mt)/40ft container

### Notice on storage

Bags must be kept away from heat and flame and stored in dry and cool place.

Pastille (granules & flakes) 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. These resins are very oxidation resistant, but good manufacturing practice suggests that older stocks be used first. These resins have been stored for up to two years with no observable change in properties. For storage periods exceeding one year 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 the accumulation of static charge.

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