

RH-100AN

Aliphatic Hydrocarbon resins C5

Composition : copolymerized resins

Appearance : yellow to brown pellet

Color : 6

Softening Point: 96-104°C

Acid Number: max. 2.0 (mgKOH/g)

Ash Content : max. 0.1 %

Storage: The product should be kept in dry and cool area, the storage period is one year.

Package: Net weigh 20 kgs in polyethylene knitted bag or paper bag lined with polyethylene bag inside.

Functions:

1. RH-100AN conform EU Regulation and PAHs permit limit.
2. RH-100AN is aliphatic resin with a low molecular weight, it has very good compatibility with CR, SBR, and imparts to raw compounds better building tack.
3. It has dispersing effect on fillers, after short time mixing, it shows excellent result of rubber dispersion on microscope.
4. It imparts to raw compounds better building tack and facilitates processing during mixing, extruding and calendaring.
5. It can reduce mixing time and reduce energy consumption.
6. Use 2phr tensile strength can raise about 5%, use 4phr can raise about 15%, and elongation can be raise about 10%.
7. Solve in rubber looks like semitransparent, it's doesn't affect the original color.

Usage: Using with fillers.

Dosage: 3-5 PHR

Application:

1. Used in bonding shoe sole, it doesn't need processing during bonding.
2. It is suitable for various tire treads, and it can raise wearability more than 20%.
3. As homogenizer for rubber blends and as tackifying resin for NBR and PVC.
4. Use in EVA, PVC to increase plastic flexibility and surface flatness.
5. Used as tackifier in hot melt pressure-sensitive adhesive as well as in

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formulation of road marking paint.

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