

# HYDROCARBON RESIN

## Data Sheet

### GA-115B

Established in 1975, Yuen Liang is a manufacturer of hydrocarbon resins, which are used for making a variety of products, including paints, rubber goods, adhesives and printing ink.

The focus of the corporation is on sustainable, long-term growth in new product innovation and a continuous improvement of the customer service levels.

HYDROCARBON RESIN GA-115B is a low molecular, pale yellow thermoplastic resin, produced from petroleum-derived monomers.

#### Typical Properties

Softening Point, (R&B), °C	115+/-5	(ASTM E28)
Color, Gardner, 50% resin solids in toluene	15 max	(ASTM D1544)
Bromine Number, Br g/100g	25 max	(ASTM D1159)
Acid Value, KOH mg/g	0.1 max	(ASTM D664)
Specific Gravity, @25°C	1.05~1.10	(ASTM D71)
Ash Content	0.05% max	(ASTM D2415)

#### Suggested Application

##### 1. Paints

In the production of Anti-corrosive coating, Alkyd Enamel and Vanish, widely used in the vehicles, ships and bridges

##### 2. Printing Inks

Newspapers (particularly color sections), Magazines, Folding Cartons (cereal boxes, for example), Metal Containers (cans)

#### Outstanding Characteristics

It is soluble or dispersible in aromatic hydrocarbons, esters and chlorinated solvents. It is only partially in ketone and insoluble in glycols and water.

#### Package and Supply

25 kg paper bag  
500 kg jumbo bag

#### Storage and Inventory Control

Indoor storage is strongly recommended.  
Storage at temperatures above 30°C should be avoided.

#### Company Information

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#### FDA Status

GA-115B, as Petroleum Resin, is an approved substance as defined by FDA regulations:  
175.105 Adhesives  
177.2600 Rubber Articles

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