



# RISHABH RESINS & CHEMICALS

( AN ISO 9001:2015 CERTIFIED COMPANY)

Plot No. 15 E & F, SVCIE, IDA JEEDIMETLA,  
HYDERABAD - 500055, ( TS )

Ph No : 040-40213105 | (+91) 9391023105 | (+91) 9100953109

**GST NO : 36AAMPJ0213G1Z4**

Email : rishabhresins@gmail.com, nilesh@rishabhgroup.com ||  
Website : www.rishabhresins.com



## TECHNICAL SPECIFICATIONS

### CASHEW NUT SHELL LIQUID (CNSL) CAS NO: 8007-24-7

#### Physical Properties

#### Specifications

Appearance & Colour	:	Dark Brown Liquid
Specific Gravity @ 30°C	:	0.940 - 0.960
Viscosity @ 30°C (cps)	:	150 - 300 (OR) 35-50 Sec in B-4 Ford Cup
Ash content (%)	:	1.00% max
Moisture Content (%)	:	2.00% max
Acid Value (gms/koh)	:	< 10
Iodine Value (wijs method)	:	Between 240-270
Matter Insoluble in Toluene	:	1.00% max
Hydroxyl Value	:	Between 170-250
Polymerization Time	:	Between 4-6 minutes
Saponification value	:	18 – 30
Loss in weight on Heating % by Weight	:	2 max

**Applications:** It is excellently suitable for manufacturing of various types of Resins for Paints, Surface Coatings, Insulating & Impregnating Varnishes & low Baking Enamels. It is also useful natural Phenol for Oil & Water soluble Resins like PF Resins, Laminating Resins, Friction Linings, Pesticides, Food Can Lacquers, Rubber Compounding etc., It is also used as a Bio Fuel for Industrial Plants.

#### **Properties:**

Low cost Phenol,  
Versatility in Polymerization and Chemical Modification,  
Possibilities for development of high performance Polymers,  
Property advantage over Phenolics in certain application such as Impact Resistance, Flexibility, faster heat dissipation etc.,

**Note:** The above Specifications are as per IS: 840-1986 specified by Bureau of Indian Standards