



RISHABH RESINS & CHEMICALS

(AN ISO 9001:2008 CERTIFIED COMPANY)

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Specifications of Cardanol

Product name: Cardanol (Natural Phenol from Cashew Shell Oil)
3-[(E)-pentadec-8-enyl] phenol

CAS No: 37330-39-5

Chemical formula: C₆H₄ (OH) R, where R=C₁₅H₂₈₋₃₄

Form: Transparent liquid from light yellow to light brown colour (pale amber)

Colour: Between 8-10 (On Gardener Scale)

Mass fraction of active agent: not less than 95%

Density: Between 0.927-0.935 g/sm³ (at 30° C)

Boiling point: ≤ 370° C

Melting point: ≤ 50° C

Water content mass: not more than 1%

Ash-content: almost nil

Iodine value: Between 230-250 (Catalytic method)

Acid Value: not more than 5

Hydroxyl Value: Between 180-200

pH Value: ≤ 6

Soluble: In Benzol or Toluene

Coefficient of Refraction: 1.5

Viscosity @ 30° C: Between 45-60 cps