

<b>TECHNICAL DATA SHEET</b>
-----------------------------

Ref.no: T/CARD  
Rev.no: 02  
Date: 20-03-2015

## CARDANOL (DISTILLED GRADE)

**PRESENTATION:**

Cardanol obtained from CNSL (Cashew Nut Shell Liquid) by distillation, possesses a typical phenolic structure with a hydrocarbon hydrophobic group on the Meta ring position.

**APPLICATIONS:**

Typical applications of cardanol include epoxy resin diluent, phenalkamine hardener for epoxy resins, cardanol aldehyde resin or phenolic resin, hydrogenated cardanol.

**TYPICAL PROPERTY**

PROPERTY	UNIT	TYPICAL	TEST METHOD
Dynamic Viscosity @ 25°C	mPa*s	50	ISO 9262*
Density @ 30°C	g/cm <sup>3</sup>	0.92	ISO 12185*
Color	Gardner	7	ISO 4630*
Volatiles	wt%	1	GC*
Iodine value	g I <sub>2</sub> /100 g	220	ISO 3961*
Hydroxyl value	mg KOH/g	190	ISO 6796*
Moisture content	wt%	0.5	ASTM D 1744*
Acid value	mg KOH/g	5	ISO 6618

\*or equivalent method

**Disclaimer of Liability**

The information in this bulletin is believed to be accurate but all recommendations are made without warranty, since the conditions of use are beyond Equilex BV's control. Equilex BV disclaims any liability in connection with the use of the information which is illustrative only and does not warrant against infringement by reason of the use of any of its products in combination with other material or any process.