



# RISHABH RESINS & CHEMICALS

( AN ISO 9001:2015 CERTIFIED COMPANY )

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## SILEX RBR-100

## HIGH BONDING LIQUID BINDER RESIN FOR BRAKE LININGS APPLICATIONS

### INTRODUCTION:

RBR-100 is a functionalized polymer resin obtained by reaction with formalin in Acidic media. This is based on Cashew Nut Shell Liquid with high bonding used for manufacture of friction elements such as brake linings and clutch facings along with Asbestos, Fillers and friction dust.

### COMPATIBILITY:

RBR-100 is compatible with Phenolic, Epoxy and Alkyd resins.

### SOLUBILITY:

RBR-100 is soluble in White Spirit (MTO), Xylene, Ester, Ketonic solvents, etc.

### PROPERTIES:

Colour & Appearance	: Dark Reddish brown
Specific Gravity	: 0.95 – 0.98
Solid content	: 99 +/- 1%
Viscosity @ 30°C	
Brookfield Viscometer	: Between 20000 - 40000 cps
Ph Value	: 5 – 6
Gel Time @ 150°C	
with 5% Hexa	: 30 minutes (Max.)
Shelf Life	: 12 months if kept in air tight containers.
Storage	: Should be kept in dry conditions