

	FINORCHEM LIMITED			Doc. No.: FM12/PDS/ADL/022
	FINISHED PRODUCT- PDS			Page 1 of 1
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FINOREX RR-90H

DESCRIPTION

Reinforcing resin CNSL oil modified phenol –formaldehyde resin and hexamine blend.

PRODUCT SPECIFICATION

Sr. No.	Property	Unit	Specification		Test Method
			Min	Max	
1.	Appearance	-	Light tan powder		Visual
2.	Melting point (Contraction point)	°C	65	80	ASTM D1519A
3.	Sieve residue though 100 mesh	%w/w	-	2.0	ASTM D4572
4.	Hexa content	%w/w	6.5	8.5	IS4306
5.	Hot Plate Cure at 160°C	Second	20	50	ASTM D4640
6.	Acetone insoluble	%w/w	-	1.10	ASTM D4934

RECOMMENDED APPLICATIONS

Finorex RR-90H resins could be used as reinforcing agents for rubber compounds containing NR, SBR, BR, NBR, EPDM rubber and CR rubbers for the manufacture of treads and sidewalls of tires, window sealing strips of cars, rubber rollers, floor coverings, brake linings, oil-resistant seals, heels and soles of shoes, hard hose materials, and typewriter / paper platen rollers

Finorex RR-90H resin is used extensively for modifying the properties of nitrile rubber compounds and solvent cements. During processing, the resin plasticizes the stock, making filler loading and further processing easier. In the cured state, increasing amounts of resin will decrease elongation but will increase tensile strength, flexural strength, hardness, abrasion resistance and rigidity. Finorex RR-90H will also improve rubber bonding to metal as well as adhesion to fabrics.

Finorex RR-90H resin has limited compatibility with SBR and CR. Finorex RR-90H is supplied in the form of powder.

PACKAGING

25 Kg in HDPE liner with paper bag / paper drum packing.

STORAGE

Finorex RR-90H is a stable resin and can be stored for 12 months from the date of manufacture under normal storage conditions. Need to store below 25°C in tight container away from heat and humidity. Finorex RR-90H will become darker with age.

OCCUPATIONAL SAFETY AND HEALTH INFORMATION

Refer to Material Safety Data Sheets (MSDS) prior to using this resin.

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