

	FINORCHEM LIMITED			Doc. No.: FM12/PDS/ADL/028
	FINISHED PRODUCT- PDS			Page 1 of 1
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FINOREX B18S

DESCRIPTION

Resorcinol Formaldehyde Resin & Bonding Resin.

PRODUCT SPECIFICATION

Sr. No.	Property	Unit	Specification		Test Method
			Min	Max	
1.	Appearance	-	Orange to reddish brown colour Pastille/Flakes		Visual
2.	Softening point (R&B)	°C	100	110	ASTM E28
3.	Moisture content	%w/w	-	1.0	ASTM E203
4.	Ash content, 750±25°C	%w/w	-	0.1	ASTM D4574
5.	Free Resorcinol content	%w/w	-	18.0	QC/STP/U2/145
6.	Specific Gravity at 25°C	-	1.25	1.45	ASTM D1817

RECOMMENDED APPLICATIONS:

Finorex B18S can enhance the adhesion between rubber and steel wire or synthetic fibers. During the vulcanization of rubber compounds, Finorex B18S resin can react with the methylene or formaldehyde donor materials, such as hexamethoxymethylmelamine(HMMM) and hexamethylenetetramine (HEXA), to form cross-linked network structures. Finorex B18S has low vapour pressure, thus, the fuming and weight loss that occur with processing resorcinol at temperatures above 150°C is substantially reduced with the usage. Finorex B18S use in the dry bonding system 3 to 4 phr is normally recommended.

PACKAGING

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

STORAGE

Finorex B18S is a stable resin and can be stored for 18 months from the date of manufacture under normal storage conditions. Need to store below 30°C in tight container away from heat and humidity and Finorex B18S is hydroscopic and must be protected from exposure to relative humidity

OCCUPATIONAL SAFETY AND HEALTH INFORMATION

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

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