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Technical Data Sheet

Phenolic Resin RF-20

08/06/2016

CAS No.: 24969-11-7

Chemical family:
Other Name:

Modified resorcinol formaldehyde resin.
B-20-S

Technical Specification:

Item	Technical Specifications
Appearance	Black brown granular
Heating loss% \leq	0.7
Softening point $^{\circ}\text{C}$	99~109
Free Phenol % \leq	5
Ash content % \leq	0.5
pH value (50% water solution)	4~6
Solubility:	Water: completely insoluble Alcohols: completely soluble Ketones: completely soluble Aromatic hydrocarbon solvents: partly soluble

Properties:

1. RF-20 as methylene acceptor adhesive, it contains no free formaldehyde, and has low vapor pressure to reduce the volatile smog and loss of resorcinol when the processing temperature above 150°C .
2. When react with methylene donor (such as HMMM, RA-65, RA-72, MF510, MF520), then generate thermosetting resin, which effectively promote the adhesion between rubber and steel cord or fabric cord.

Application:

1. RF-20 resin can be used as methylene acceptor adhesive to replace the resorcinol monomer.
2. Suggested ratio: 2-5phr RF-20 resin, 2-5phr Rubber adhesive HMMM, RA-65, RA-72 or other methylene donors.
Please be noted that R-20 resin doesn't work without methylene donor.

Package:

It is packed in paper bag lined with plastic bag. Net weight: 25kg/bag.

Storage:

Stored at a dry, clean and room temperature warehouse.

Precaution:

Please refer to the appropriate material safety data sheet (MSDS) prior to Using this product.
FOR INDUSTRIAL USE ONLY.

Disclaimer:

All information on this data sheet is based on laboratory testing and is not Intended for design purposes.