

CABINOL-RPN

- Flame Proofing Agent For Resin Coating Of Fiber

◆ SPECIFICATION	
* APPEARANCE	Yellowish Brown Liquid
* IONIC NATURE	Anionic
* SP.GR(at 25°C)	1.20 ± 0.05
* SOLUBILITY	Soluble in organic solvents such as Toluene, Benzene, 1, 1-Trichloroethane, etc.
* STORAGE STABILITY	Min. 1 year under cool and dry conditions when stored in original sealed, packaging.
* COMPATABILITY	Compatible with anionic and nonionic materials.
◆ FEATURES	<ol style="list-style-type: none">1) CABINOL-RPN shows excellent durable flame proofing efficiency if it is used together with polyurethane resins in back coating.2) CABINOL-RPN improves physical properties such as tensile strength, elongation or water-proofing and water-repelling capabilities.3) CABINOL-RPN doesn't cause a change of color shade or a yellowing.4) CABINOL-RPN has excellent water resistance, bending resistance, heat resistance, chemical resistance and durability.
◆ APPLICATION FIBERS	5) It is environmental-friendly product as APEO-free and NPEO-free.
◆ HOW TO USE	Suitable for all kinds of fibers such as Nylon, Polyester, etc. Recommended use levels are 5-20% (of resin weight %) according to kinds of resins coated.



Ro Chem International SDN BHD

11-3-2, Block-I, Jalan 3/101C, Cheras Business Center
Jalan Cheras, Batu5,56100, Kuala Lumpur, Malaysia

Cell No : +601116622841, E-mail : info@rochemint.com, www.rochemint.com

◆ RECOMMENDED RECIPE

1. Durable flame proofing and water proofing coating methods of Polyester fiber

1) Self-extinguishable Flame proofing recipe-1

- PU resin : 70% (wt%)
- Toluene : 17% (wt%)
- **CABINOL-RPN** : 13% (wt%)
- Coating method : Knife back coating
- Dry conditions : Dry 40~60 m/min at 160-165°C.

2) Self-extinguishable Flame proofing recipe-2

- PU resin : 46% (wt%)
- Toluene : 15% (wt%)
- **CABINOL-RPN** : 24% (wt%)
- Al(OH)₃ : 15% (wt%)
- Coating method : Knife back coating
- Dry conditions : Dry 40~60 m/min at 160-165°C.

3) Incombustible Flame proofing recipe

- PU resin : 45% (wt%)
- **CABINOL-RPN** : 26% (wt%)
- Al(OH)₃ : 22% (wt%)
- CaCO₃ : 7% (wt%)
- Coating method : Knife back coating
- Dry conditions : Dry 40~60 m/min at 160-165°C.

◆ NOTICE

- 1) Uniformly and thoroughly stir chemicals used in each flame proofing recipe.
- 2) Use Al(OH)₃ and CaCO₃ whose particles size is above 200mesh.
- 3) Dry above 170°C after coating PU resin deteriorates a water pressure resistance due to destruction of cross linked chain of PU resin.

◆ PACKAGE

150 Kgs NET IN DRUMS.



Ro Chem International SDN BHD

11-3-2, Block-I, Jalan 3/101C, Cheras Business Center
Jalan Cheras, Batu5,56100, Kuala Lumpur, Malaysia

Cell No : +601116622841, E-mail : info@rochemint.com, www.rochemint.com