

# Technical Data Sheet

## Paste PVC resin

### Product Description

English Name :Microsuspension-polyvinyl Chloride

Abbreviation :PPVC

Molecular Formula:[CH<sub>2</sub>-CHCL]<sub>n</sub>

The appearance of the product is white power.

PVC paste resin are one of the plastic material of good physical and mechanical properties , good chemical stabilities and good transparency .Especially , its simple manufacturing method and small equipment investment give it wide application area.

### Typical Application

- Rigid Pipe, Door and Window Frames, Edge Band, Conduit, Other Rigid Profiles.

### Product Characteristics

- High Bulk Density
- Good Flow ability

### International Compliance

- REACH Compliance, EU
- Food Contact Applicable\* (US FDA CFR177.1975, US)
- Not Contained of Specified Substances according to RoHS, EU

### Physical Properties

Item	BN-51L	BN-71L
K-Value	76	71.7
Average polymerization Degree	1300±100	1700±100
B viscosity (mPas.)	4500±2000	3500±1500
Foreign Particle Number	20	20
Volatile matter mass fraction	0.40	0.40
Sieving rate mass fraction /(sieve pore 49um)	99	99
Paste thickening rate	100	100
White degree	76	76
Water extract Liquor PH	9.0	9.0
Alcohol extract mass fraction /%	4.0	4.0
Scraper blade finess	100	100
Residual Chloroethylene mass fraction (ug/g)	10.0	5.9

### Product Available Form

- White powder

### Product Packaging

- Paper Bag 25 kilograms
- Flexy Bag 550 and 1,100 Kilograms
- Tank Car 10 and 20 Metric Tons
- Sea Bulk 17 Metric Tons

### Storage

- Use with adequate ventilation. Avoid contact with eyes and skin. Good housekeeping measures should be used and accumulations of materials should be removed from settling areas.
- Polyvinyl Chloride can acquire a substantial static electrical charge. Handling and processing equipment should have an electrical grounding.
- Store and handle in accordance with all current regulations and standards. Container tightly closed and properly labeled. Store in a cool, dry area. Store in a well-ventilated area. Avoid heat, flames, sparks and other sources of ignition.
- Arrange product properly and correctly methods. For more information, please see "PVC User manual"

### Safety

- The product is not classified as a hazardous material.
- Please see our Material Safety Data Sheet for details on various aspects of safety, recovery, and disposal of the products; for more information, contact your SCG Plastics/SCG Performance technical service.