

Polyvinyl Chloride Paste Resin

(PSM-31)

Description:

Polyvinyl chloride homopolymer PSM-31 is produced by the microsuspension polymerisation method. It is readily converted into low-viscosity plastisols with an excellent shelf life. PSM-31 pastes have a pseudoplastic rheology at low shear rates and have a dilatants rheology at medium or high shear rates.

Properties:

- Medium degree of polymerization
- Low viscosity and good shelf life
- Be easy deaeration
- Good foam-forming properties

Specification: Q/SHG 1--2019

Item		Values
Resin	Appearance	White powder
	Polymerization degree	1200-1400
	Volatile component, %, ≤	0.50
	Bulk density, g/cm ³	0.20-0.40
	Residual vinyl chloride monomer, mg/kg ≤	5.0
Mixture	B-type viscosity (30℃) mPa s Resin: DOP=100:65 12rpm	2000-4500
	Scratch granularity, μm, ≤	50

Applications:

- | | |
|-------------------------------|-------------------------------------|
| -Foam and non-foaming leather | -Wallpapers |
| -Floor leather | - Coated fabrics and canvas coating |
| -Convey belt | -Toys and rotational moulding |
| -Dip moulding | -Cap mat and casting products |

Package:

20kg three layers of paper bag, or plastic woven bag (20 + 0.2kg).Distinguishing color mark of letter written on bag , PSM-31 type-red.

Store and transport:

It is prevented from moisture, rain, snow and exposure , throwing and other mechanical damage.