

TECHNICAL DATA SHEET

Paste PVC Resin - P440

Product Paste PVC Resin
Chemical Formula $(CH_2-CHCl)_n$
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Description

Polyvinyl chloride paste resin P440 adopts seed emulsion method and seed micro-suspension method, It uses technology from Mitsubishi Chemical Vinyl, Japan. It is a general-purpose resin with medium molecular weight, the degree of polymerization is about 1500, the k value is 73-75, good transparency, thermal stability, water resistance, and weather resistance.

Applications

Polyvinyl chloride paste resin P440 is suitable for non-foaming and micro-foaming artificial leather, and can be used for spray dyeing metal coating, glass fiber, impregnating and general products. It is white powder, well compatible with plasticizers, organic solvents and fillers.

Packaging

In net weight of 20kg or 25kg kraft bag or 1100kg jumbo bag.

Storage and notices

Stored in dry and ventilated place and multiple batches should be placed in different places to avoid sun and moisture. Clean transportation facilities should be adopted to prevent rain and pollution.

Specification

ITEMS	P440
Mean Degree of Polymerization, \leq	1450 \pm 200
K-Value	73-75
Viscosity, ml/g	128-162
Brookfield Viscosity mpa.s DOP 60% 50r/m, \leq	5000
Volatile (including water)%, \leq	0.40
Residue VCM mg/kg, \leq	10
Screen Residue (mesh 0.063mm)%, \leq	1.0
Impurity particle number, \leq	20
Paste thickening rate (24h)/%, \leq	100
Whiteness (160°C, 10min)/ % , \geq	76