

TECHNICAL DATA SHEET

Paste PVC Resin

Product	Paste PVC Resin
Chemical Formula	(CH ₂ -CHCL) _n
Cas No	9002-86-2
Print Date	May 10th, 2020

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Paste PVC Resin

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Description

White powder. It is well compatible with plasticizers, organic Solvents and fillers. It can be formed plastisol or organosol, and fabricated into diverse products

Production Process

Emulsion process which technology is from Mitsubishi Chemical Vinyl, Japan

Applications

Type	Properties	Main Application
P440	General purpose resin of medium weight, whose degree of polymerization of about 1500 and K value of 73 -75, with good transparency, thermal stability, water resistance and weather ability.	Non-foamed and slightly-foamed artificial leather, which can be used to spray and dye metal coating, glass fibers, dipping and general-purpose products.
P450	Paste resin of low molecular weight, whose degree of polymerization of about 1000 and k value of 65, with good foaminess and high- speed coating ability, and content filler can be added.	Foamed layer of elastic floor, foamed artificial leather and wall paper.

Packaging

In 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	P450
Mean Degree of Polymerization	≤	1450 ± 200	1000 ± 150
Brookfield Viscosity mpa.s DOP 60% 50r/m	≤	5000	7000
Volatile (including water)%	≤	0.40	0.40
Screen Residue (mesh 0.063mm)%	≤	1.0	1.0
Residue VCM mg/kg	≤	10	10
Impurity particle number	≤	20	20



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