TECHNICAL DATA SHEET

Polyvinyl Chloride Resin

Product	Polyvinyl Chloride Resin
Chemical Formula	(C2H3Cl)n
Cas No	9002-86-2
Print Date	May 10th, 2020

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Features

JH-1000 is a polyvinyl chloride (PVC) homopolymer with low degree of polymerization, manufactured by suspension polymerization process. It is a white powder with porous particle structure and relatively high apparent density. JH-1000 can provide good miscibility with plasticizers and liquid stabilizers, excellent plasticizer absorption, high transparency and good process stability.

Applications

JH-1000F can be widely used in flexible or rigid products, such as flexible calendered films, flexible hoses, wires & cables, artificial leather, extrusion profiles, injection shoe soles, blowing shrink films, etc.

Packaging

In 25kg kraft bag or 1000kg jumbo bag.

ITEMS	Specification(s)		
	Premium Grade	First Grade	Qualified
Degree of Polymerization	1135-981		
The number of impurities and foreign particles, pcs ≤	16	30	60
Volatile Matter, % ≤	0.2	0.4	0.5
Bulk Density, g/ml ≥	0.50	0.45	0.42
Residue on 250μm sieve screenings,% ≤	1.6	2	8
Residue on 63μm sieve screenings,% ≥	97	90	85
The number of “fish eyes”, pcs/400cm2 ≤	20	30	60
Plasticizer absorption of 100g PVC resin, g ≥	22	19	17
Whiteness (160℃, 10min), % ≥	78	75	70
VCM Residual, μg/g ≤	2		