

# TECHNICAL DATA SHEET

## Polyvinyl Chloride Resin

Product	Polyvinyl Chloride Resin
Chemical Formula	(C <sub>2</sub> H <sub>3</sub> Cl) <sub>n</sub>
Cas No	9002-86-2
Print Date	May 10th, 2020

TECHNICAL DATA SHEET  
Polyvinyl Chloride Resin

Interested in this chemical? Please contact us at

[www.chemdo.com](http://www.chemdo.com)

[info@chemdo.com](mailto:info@chemdo.com)

### 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/400cm <sup>2</sup>	≤ 20	30	60
Plasticizer absorption of 100g PVC resin, g	≥ 22	19	17
Whiteness (160°C, 10min), %	≥ 78	75	70
VCM Residual, µg/g	≤	2	



Copyright © Chemdo. All rights reserved. No part of this publication may be copied, downloaded, reproduced, stored in a retrieval system or transmitted in any form by any means, electronic, mechanical, photocopied, recorded or otherwise, without permission of the publisher. No representation or warranty is made as to the truth or accuracy of any data, information or opinions contained herein or as to their suitability for any purpose, condition or application. None of the data, information or opinions contained herein may be relied upon for any purpose or reason. Chemdo disclaims any liability, damages, losses or other consequences suffered or incurred in connection with the use of the data, information or opinions contained herein. In addition, nothing contained herein shall be construed as a recommendation to use any products in conflict with existing patents covering any material or its use.