



TIANJIN BOHUA CHEMICAL DEVELOPMENT CO.,LTD

天津渤化化工发展有限公司

NO.1 XINGHUA RD TANGGU TIANJIN
CHINA TEL.862225391354

SPECIFICATION SHEET

Polyvinyl Chloride Resin (PVC) Suspension DG-1000S

Properties and Application:

Grade DG-1000S is ethylene based Polyvinyl Chloride Suspension Resin with polymerization degree around 1000, it corresponds to GB/T 5761-2018 SG-5. It is a common grade with grand applications and mainly used in the production of pvc pipes, window profiles, films,sheets, tubes, shoes, fittings, etc.

Packing:

Optional in 25kg small bag, 600kg jumbo bag or 1200kg jumbo bag.

Resin Properties	Specification Range	Test Method
Polymerization Degree, 950 P	950 ~1050	
Inherent Viscosity (dl/g)	0.880-0.920	OxyVinyls 1388
KValue	66-68	Correlation
Volatiles(%)	0.30 Max.	OxyVinyls 1242
Ash Content	≤0.1%	OxyVinyls 1242
Fish Eyes	≤20	OxyVinyls 1501
Contamination (#/100gm)	50 Max.	OxyVinyls 1504
Plasticizer Absorption	16-20g/100g	OxyVinyls 1504
Flow Time(s)	14 Max.	OxyVinyls 1501
Fusion Behavior	Slow fusion-medium temp	OxyVinyls 1501
Malvern Particle Size		
%Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
%Retained on 60 mesh	10.0 Max,	OxyVinyls 1502
%Retained on 200mesh	15.0 Max.	OxyVinyls 1502
%Retained on Pan	5.0 Max.	OxyVinyls 1502
Residual Monomer(ppm)	3.2 Max.	OxyVinyls 1005
Apparent Bulk Density (glce)	0.515-0.580	OxyVinyls 1501
Color (CIELabL'Value)	95.00 Min.	OxyVinyls 1500
Color(CIELab a'Value)	-0.60-+0.50	OxyVinyls 1500
Color(CIELab b'Value)	1.90 Max.	OxyVinyls 1500

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Impurities	VCMs1ppm Volatiles0.3% Ashs0.1% Initialor residues(trace) Additives (trace) Metals (trace) Gals(neglectable)	OxyVinyls 1245
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Revision 20240801

天津渤化化工发展有限公司
TIANJIN BOHUA CHEMICAL DEVELOPMENT CO.,LTD.

刘格宏

President