



# OxyVinyls® 310



## General Description

Type: Polyvinyl Chloride Homopolymer  
 Polymerization Process: Suspension  
 Appearance: White, free flowing powder

## Features and Uses:

High Molecular Weight Excellent Plasticizer Absorption and Dryup

Useful for Calendered and Extruded Materials requiring High Strength, Abrasion Resistance, Fatigue Resistance, Grain Retention, Impact, Cut-through, and Other Physical Properties

Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	1.390 – 1.430	OxyVinyls 1386
Relative Viscosity	3.07 – 3.17	Correlation
K Value	82 – 83	Correlation
Volatiles (%)	0.30 Max.	OxyVinyls 1242
Malvern Particle Size		
% Retained on 40 mesh	0.2 Max.	OxyVinyls 1505
% Retained on 60 mesh	4.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	12.0 Max.	
% Retained on Pan	2.0 Max.	
Contamination (#/100gm)	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	2.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.320 – 0.400	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.380 – 0.490	OxyVinyls 1501

**Oxy Vinyls, LP**  
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