



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

Resin Properties	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	1.406	1.390 – 1.430	OxyVinyls 1386
Relative Viscosity	3.10	3.07 – 3.17	Correlation
K Value	82	82 – 83	Correlation
Volatiles (%)	0.08	0.30 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.0	0.2 Max.	OxyVinyls 1505
% Retained on 60 mesh	0.6	4.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	8.1	12.0 Max.	
% Retained on Pan	0.8	2.0 Max.	
Contamination (#/100gm)	3	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	0.2	2.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.381	0.320 – 0.400	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.441	0.380 – 0.490	OxyVinyls 1501
CAS Number	9002-86-2		

OxyVinyls, LP
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5005 LBJ Freeway
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877-699-8465

Pedricktown Plant
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