



# OxyVinyls<sup>®</sup> 200F



## General Description

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

## Features and Uses:

Rigid and Flexible Profile Extrusion	Low Gels and Contamination
Medical and Food Grade Film and Sheet	Uniform Plasticizer Absorption
Medical and Food Grade Tubing and Molded Devices	Extruded and Molded Foams
Wire and Cable Insulation	Calendered Goods

## Resin Properties

## Specification Range

## Test Method

Inherent Viscosity (dl/g)	0.810 – 0.850	OxyVinyls 1386
Relative Viscosity	2.00 – 2.07	Correlation
K Value	61 – 62	Correlation
Volatiles (%)	0.30 Max.	OxyVinyls 1242
Malvern Particle Size		
% Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	3.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	18.0 Max.	
% Retained on Pan	3.0 Max.	
Contamination (#/100gm)	12 Max.	OxyVinyls 1504
Residual Monomer (ppm)	5.0 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.500 – 0.600	OxyVinyls 1501
Flow Time (s)	12 Max.	OxyVinyls 1501
Porosity (cc/g)	0.230 – 0.310	OxyVinyls 1094
Gels (4' mill results)	10 Max.	OxyVinyls 1503
Color (CIE Lab b* value)	0.30 – 0.90	OxyVinyls 1500

## Oxy Vinyls, LP

5005 LBJ Freeway  
Dallas, Texas 75244  
877-699-8465

August 2017  
Deer Park, TX

**Important:** The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. No warranty or guarantee, express or implied, is made regarding performance, stability or otherwise. This information is not intended to be all-inclusive as the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or to violate any Federal, State, or local laws.