



# OxyVinyls<sup>®</sup> 240F



## General Description

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

## Features and Uses:

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

## Resin Properties

## Specification Range

## Test Method

Inherent Viscosity (dl/g)	1.00 – 1.04	OxyVinyls 1386
Relative Viscosity	2.32 – 2.41	Correlation
K Value	68 – 70	Correlation
Volatiles (%)	0.3 Max.	OxyVinyls 1242
Malvern Particle Size		
% Retained on 40 mesh	0.2 Max.	OxyVinyls 1505
% Retained on 60 mesh	2.5 Max.	OxyVinyls 1502
% Retained on 200 mesh	18.0 Max.	OxyVinyls 1502
% Retained on Pan	3.0 Max.	OxyVinyls 1502
Contamination (#/100gm)	12 Max.	OxyVinyls 1504
Residual Monomer (ppm)	1.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.310 – 0.380	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.470 – 0.550	OxyVinyls 1501
Flow Time (s)	12 Max.	OxyVinyls 1501
Powder Mix Time (s)	250 – 310	OxyVinyls 488
Color (CIELab L*-value)	98.50 – 100.00	OxyVinyls 1500
Color (CIELab a*-value)	-0.30 - +0.20	OxyVinyls 1500
Color (CIELab b*-value)	0.30 – 0.90	OxyVinyls 1500
Gels (4/5 min. mill results)	10/4 Max.	OxyVinyls 1503

**Oxy Vinyls, LP**  
 5005 LBJ Freeway  
 Dallas, Texas 75244  
 877-699-8465

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