

## OXYVINYLS® 240F

### General Description

Type: Polyvinyl Chloride Homopolymer

Polymerization Process: Suspension

Appearance: White, free flowing powder

### Features and Uses:

Medical & Food Grade Flexible Film & Sheet

Low Gels and Contamination

Medical & Food Grade Tubing & Molded Devices

Uniform Plasticizer Absorption

Wire and Cable Insulation

Calendered Goods

Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	1.000 – 1.040	OxyVinyls 1386
K Value	68 – 70	Correlation
Volatiles (%)	0.3 Max.	OxyVinyls 1242
<u>Malvern Particle Size</u>		
% 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.	
% Retained on Pan	3.0 Max.	
Contamination (#/100gm)	12 Max.	OxyVinyls 1504
Residual Monomer (ppm)	1.0 Max.	OxyVinyls 1005
Porosity (ml/g)	0.31 – 0.38	OxyVinyls 1094
Apparent Bulk Density (g/ml)	0.470 – 0.550	OxyVinyls 1501
Flow Time (s)	12 Max.	OxyVinyls 1501
Powder Mix Time (s)	250 – 310	OxyVinyls 488
Gels (4'5' mill results)	10/4 Max.	OxyVinyls 1503
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

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