

OXYVINYLS® 220F

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)	0.900 – 0.940	OxyVinyls 1386
K Value	64 – 66	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	2.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	25.0 Max.	
% Retained on Pan	6.0 Max.	
Contamination (#/100gm)	12 Max.	OxyVinyls 1504
Residual Monomer (ppm)	2.0 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.480 – 0.540	OxyVinyls 1501
Flow Time (s)	12 Max.	OxyVinyls 1501
Powder Mix Time (s)	200 – 400	OxyVinyls 488
Gels (3' QLC)	50 Max.	OxyVinyls 1503
Color (CIELab L* Value)	98.50 – 100.0	OxyVinyls 1500
Color (CIELab a* Value)	-0.30 – +0.20	OxyVinyls 1500
Color (CIELab b* Value)	0.50 – 1.30	OxyVinyls 1500

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