OxyVinyls® 200F

General Description

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

Features and Uses:

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

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