



OxyVinyls[®] 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	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.830	0.810 – 0.850	OxyVinyls 1386
Relative Viscosity	2.03	2.00 – 2.07	Correlation
K Value	61	61 – 62	Correlation
Volatiles (%)	0.07	0.30 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.0	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	0.2	3.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	7.2	18.0 Max.	
% Retained on Pan	0.5	3.0 Max.	
Contamination (#/100gm)	4	12 Max.	OxyVinyls 1504
Residual Monomer (ppm)	0.1	5.0 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.560	0.500 – 0.600	OxyVinyls 1501
Flow Time (s)	8	12 Max.	OxyVinyls 1501
Porosity (cc/g)	0.248	0.230 – 0.310	OxyVinyls 1094
Gels (4' mill results)	3	10 Max.	OxyVinyls 1503
Color (CIE Lab b* value)	0.76	0.30 – 0.90	OxyVinyls 1500
CAS Number	9002-86-2		

OxyVinyls, LP

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Deer Park Plant
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