



OxyVinyls[®] 220F



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

Resin Properties	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.920	0.900 – 0.940	OxyVinyls 1386
Relative Viscosity	2.18	2.15 – 2.23	Correlation
K Value	65	64 – 66	Correlation
Volatiles (%)	0.07	0.30 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.0	0.2 Max.	OxyVinyls 1505
% Retained on 60 mesh	0.2	2.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	9.2	25.0 Max.	
% Retained on Pan	1.1	6.0 Max.	
Contamination (#/100gm)	4	12 Max.	OxyVinyls 1504
Residual Monomer (ppm)	0.15	2.0 Max.	OxyVinyls 1005
Powder Mix Time (s)	260	200 – 400	OxyVinyls 488
Gels (3' QLC)	5	50 Max.	OxyVinyls 1503
CAS Number	9002-86-2		

OxyVinyls, LP
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