OxyVinyls® 240

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
Rigid Extrusion Compounds

Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	1.00 – 1.04	OxyVinyls 1386
Relative Viscosity	2.32 – 2.41	Correlation
K Value	68 – 70	Correlation
Volatiles (%)	0.3 Max.	OxyVinyls 1242
Malvern Particle Size		
% 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	4.0 Max.	
Contamination (#/100gm)	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	4.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.300 – 0.390	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.440 – 0.540	OxyVinyls 1501
Flow Time (s)	12 Max.	OxyVinyls 1501
Powder Mix Time (s)	250 – 350	OxyVinyls 488
Color (CIELab b*-value)	1.90 Max.	OxyVinyls 1500
Gels (4' mill results)	20 Max.	OxyVinyls 1503

Oxy Vinyls, LP

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