OxyVinyls® 226F

General Description

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

Features and Uses:

Flexible Film and Sheet
Molding and Profile Extrusion Applications
Wire and Cable Insulation
Low Gels and Contamination
Uniform Plasticizer Absorption
Excellent Color and Clarity

Resin Properties	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.950	0.930 – 0.970	OxyVinyls 1386
Relative Viscosity	2.24	2.20 – 2.28	Correlation
K Value	67	66 – 67	Correlation
Volatiles (%)	0.05	0.3 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.0	0.2 Max.	OxyVinyls 1505
% Retained on 60 mesh	0.9	3.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	9.2	15.0 Max.	
% Retained on Pan	1.1	4.0 Max.	
Contamination (#/100gm)	5	12 Max.	OxyVinyls 1504
Residual Monomer (ppm)	0.03	1.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.336	0.300 – 0.360	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.520	0.480 – 0.570	OxyVinyls 1501
Flow Time (s)	8	12 Max.	OxyVinyls 1501
Powder Mix Time (s)	252	250 – 350	OxyVinyls 488
Color (CIELab b*-value)	0.60	0.30 – 0.90	OxyVinyls 1500
Gels (4' mill results)	4	10 Max.	OxyVinyls 1503
CAS Number	9002-86-2		

OxyVinyls, LP
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