

OXYVINYLS® 226

<p>General Description</p> <p><u>Type:</u> Polyvinyl Chloride Homopolymer</p> <p><u>Polymerization Process:</u> Suspension</p> <p><u>Appearance:</u> White, free flowing powder</p>	<p>Features and Uses:</p> <p>Flexible Film and Sheet</p> <p>Low Gels and Contamination</p> <p>Molding and Profile Extrusion Applications</p> <p>Uniform Plasticizer Absorption</p>
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Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.930 – 0.970	OxyVinyls 1386
K Value	66 – 67	Correlation
Volatiles (%)	0.3 Max.	OxyVinyls 1242
<u>Malvern Particle Size</u>		
% Retained on 40 mesh	0.2 Max.	OxyVinyls 1505
% Retained on 60 mesh	3.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	16.0 Max.	
% Retained on Pan	3.0 Max.	
Contamination (#/100gm)	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	4.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.30 – 0.39	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.480 – 0.570	OxyVinyls 1501
Flow Time (s)	12 Max.	OxyVinyls 1501
Powder Mix Time (s)	190 – 320	OxyVinyls 488
Gels (4/5 min. mill results)	20/10 Max.	OxyVinyls 1503
Color (CIELab L* Value)	98.50 – 100.0	OxyVinyls 1500
Color (CIELab a* Value)	-0.40 – +0.40	OxyVinyls 1500
Color (CIELab b* Value)	0.50 – 1.30	OxyVinyls 1500

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