OxyVinyls® 280

General Description

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

Features and Uses:

High Molecular Weight

Excellent Plasticizer Absorption and Dryup

Useful for Calendered and Extruded Materials requiring High Strength, Abrasion Resistance, Fatigue Resistance, Grain Retention, Impact, Cut-through, and Other Physical Properties

Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	1.230 – 1.270	OxyVinyls 1386
Relative Viscosity	2.75 – 2.84	Correlation
K Value	77 – 79	Correlation
Volatiles (%)	0.30 Max.	OxyVinyls 1242
Malvern Particle Size		
% Retained on 40 mesh	0.2 Max.	OxyVinyls 1505
% Retained on 60 mesh	4.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	12.0 Max.	
% Retained on Pan	2.0 Max.	
Contamination (#/100gm)	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	2.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.320 – 0.400	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.410 – 0.510	OxyVinyls 1501
Flow Time (s)	20 Max.	OxyVinyls 1501

Oxy Vinyls, LP
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877-699-8465

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Pedricktown, NJ

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