OxyVinyls® 355

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	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	1.600	1.570 – 1.630	OxyVinyls 1386
Relative Viscosity	3.56	3.48 – 3.65	Correlation
K Value	88	87 – 89	Correlation
Volatiles (%)	0.08	0.30 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.0	0.2 Max.	OxyVinyls 1505
% Retained on 60 mesh	1.2	4.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	7.2	12.0 Max.	
% Retained on Pan	0.6	2.0 Max.	
Contamination (#/100gm)	3	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	0.3	2.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.405	0.370 – 0.510	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.430	0.390 – 0.480	OxyVinyls 1501
CAS Number	9002-86-2		

OxyVinyls, LP
Occidental Tower
5005 LBJ Freeway
Dallas, Texas 75244
877-699-8465

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