

OxyVinyls® 310

General Description

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

Features and Uses

Excellent plasticizer absorption and dryup.
Useful for calendered and extruded materials requiring high strength, abrasion resistance, grain retention, cut-through, and other physical properties.

Resin Properties	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	1.41	1.39 - 1.43	OxyVinyls 893
Relative Viscosity	3.12	--	Correlation
"K" Value	83	--	Correlation
Volatiles (%)	0.07	0 - 0.3	OxyVinyls 1242
Sonic Sifter Particle Size			
% Retained on 40+60 mesh	2.7	0 - 10	OxyVinyls 1390
% Through 140 mesh	8.3	0 - 15	OxyVinyls 1390
% Retained on pan	4.8	0 - 10	OxyVinyls 1390
Dark specks (#/100gm)	2	0 - 20	OxyVinyls 1217
Residual Monomer (ppm)	0.03	0 - 2	OxyVinyls 1005
Porosity (cc/g)	0.36	0.32 - 0.40	OxyVinyls 690
ASTM Cell Classification	GP-9-15453	--	ASTM D 1755
CAS Number	9002-86-2		

04/15/2005

Oxy Vinyls, LP

5005 LBJ Freeway
Suite 500, LB 30
Dallas, Texas 75244-6123
877-699-8465

Important: The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. No warranty or guarantee, express or implied, is made regarding performance, stability or otherwise. This information is not intended to be all-inclusive as the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patents or to violate any Federal, State or local laws.