



General Description

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

Features and Uses:

Alloys and Polyblends	Flow Enhancement
High Flow Injection Molding Compounds	Flexible and Rigid Foams
Color Concentrates and Masterbatches	

Resin Properties

Specification Range

Test Method

Inherent Viscosity (dl/g)	0.500 – 0.530	OxyVinyls 1386
Relative Viscosity	1.580 – 1.620	Correlation
K Value	49 – 50	Correlation
Volatiles (%)	0.13 Max.	OxyVinyls 1242
Malvern Particle Size		
% Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	2.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	50.0 Max.	
% Retained on Pan	20.0 Max.	
Contamination (#/100gm)	30 Max.	OxyVinyls 1504
Residual Monomer (ppm)	4.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.170 – 0.270	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.540 – 0.590	OxyVinyls 1501
Flow Time (s)	18 Max.	OxyVinyls 1501

Oxy Vinyls, LP

5005 LBJ Freeway
Dallas, Texas 75244
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.