



# OxyVinyls<sup>®</sup> 185



## General Description

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

## Features and Uses:

Injection molding, Pipe fittings  
Calendering  
Flooring  
Extrusion, clear film and sheet  
Rigid foam profiles

Resin Properties	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.680	0.660 – 0.700	OxyVinyls 1386
Relative Viscosity	1.81	1.78 – 1.85	Correlation
K Value	56	55 – 57	Correlation
Volatiles (%)	0.07	0.40 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.0	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	1.0	3.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	15.2	25.0 Max.	
% Retained on Pan	1.5	6.0 Max.	
Contamination (#/100gm)	4	30 Max.	OxyVinyls 1504
Residual Monomer (ppm)	0.1	3.2 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.561	0.525 – 0.605	OxyVinyls 1501
Flow Time (s)	8	14 Max.	OxyVinyls 1501
ASTM Cell Classification	GP1-16050		ASTM D 1755
CAS Number	9002-86-2		

## OxyVinyls, LP

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