



# OxyVinyls<sup>®</sup> 185F



## General Description

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

## Features and Uses:

Injection molding, Pipe fittings	Extrusion, clear film and sheet
Calendering	Rigid foam profiles
Flooring	Alloying
Solution top coats	Low Gels and Contamination

## Resin Properties

## Specification Range

## Test Method

Inherent Viscosity (dl/g)	0.660 – 0.700	OxyVinyls 1386
Relative Viscosity	1.78 – 1.85	Correlation
K Value	55 – 57	Correlation
Volatiles (%)	0.3 Max.	OxyVinyls 1242
Malvern Particle Size		
% Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	3.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	25.0 Max.	OxyVinyls 1502
% Retained on Pan	6.0 Max.	OxyVinyls 1502
Contamination (#/100gm)	10 Max.	OxyVinyls 1504
Residual Monomer (ppm)	1.0 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.525 – 0.605	OxyVinyls 1501
Flow Time (s)	14 Max.	OxyVinyls 1501
Gels (BEST Test)	10 Max.	OxyVinyls 1249

## Oxy Vinyls, LP

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