

OxyVinyls® 185

General Description

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

Features and Uses

Injection molding, pipe fittings Rigid Foam Profiles
Calendering Extruded Rigid Profiles
Flooring

Resin Properties

Typical Value

Inherent Viscosity (ASTM D-1243)	0.68
Relative Viscosity (1% in Cyclohexanone @ 25°C)	1.82
“K” Value (DIN 53726)	56
Specific Gravity (ASTM D792)	1.40
Bulk Density (ASTM D-1895, Method A)	
gms/cc	0.59
lbs/cu ft	37
Particle Size Distribution	
% Retained on 40 Mesh	0
% Retained on 100 Mesh	20
% Through 200 Mesh	<3
Volatiles (%)	0.1
Residual Monomer, ppm	<1.0
Classification (ASTM D-1755)	GP1-16050
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.