

OxyVinyls® 216S

General Description

OxyVinyls® 216S is a suspension polymerized polyvinyl chloride homopolymer resin designed for rigid applications. It is a medium molecular weight resin having excellent processing characteristics that are suitable for single and multi-screw extruders. OxyVinyls® 216S exhibits superior color and low contamination levels. It is often used in the production of vinyl siding and other weatherable vinyls building materials.

Typical Applications

Vinyl siding and soffit	Rigid profiles
Windows and doors	Gutters and down-spouts
Outdoor furniture	Window blinds

Resin Properties

	Typical Value
Inherent Viscosity (ASTM D-1243)	0.90
Relative Viscosity (1% in Cyclohexanone @ 25°C)	2.16
“K” Value (DIN 53726)	65
Specific Gravity (ASTM D792)	1.40
Bulk Density (ASTM D-1895)	
gms/cc	0.55
lbs/cu ft	34
Particle Size Distribution	
% Retained on 40 Mesh	0
% Retained on 100 Mesh	28
% Through 200 Mesh	<3
Volatiles (%)	0.1
Residual Monomer (ppm)	<1.0
Classification (ASTM D-1755)	GP4-16340
CAS Number	9002-86-2

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

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