

Producer: Oxy Vinyls / The United States (USA)

OXY VINYLS® 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
- Windows and doors
- Outdoor furniture
- Rigid profiles
- Gutters and down-spouts
- Window blinds

Features and Uses

- Calendered rigid film and sheet
- Profile extrusion

RESIN PROPERTIES	TYPICAL VALUE
Inherent Viscosity (ASTM D-1243)	0.90
Relative Viscosity (1% Cyclohexanone @ 25°C)	2.16
“K” Value (DIN 53726)	65
Specific Gravity (ASTM D792)	1.40
Bulk Density (ASTM D-1895)	
<i>gms/cc</i>	0.55
<i>lbs/cu ft</i>	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