



OxyVinyls[®] 216S



General Description

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

Features and Uses:

OxyVinyls[®]216S is suspension PVC resin designed for rigid applications. Its medium molecular weight provides excellent processing characteristics in both single and multi-screw extruders. Its superior color and low contamination qualities make it perfect for vinyl siding and other weatherable building applications.

Vinyl Siding and Soffit	Rigid Profiles
Windows and Doors	Gutters and Down-spouts
Outdoor Furniture	Window Blinds

Resin Properties

Specification Range

Test Method

Inherent Viscosity (dl/g)	0.880 – 0.920	OxyVinyls 1386
Relative Viscosity	2.12 – 2.19	Correlation
K Value	64 – 65	Correlation
Volatiles (%)	0.24 Max.	OxyVinyls 1242
Malvern Particle Size		
% Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	6.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	12.0 Max.	
% Retained on Pan	3.5 Max.	
Residual Monomer (ppm)	3.2 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.515 – 0.575	OxyVinyls 1501
ASTM Cell Classification		ASTM D 1755

Oxy Vinyls, LP

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