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

Resin Properties
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. OxyVinyls 1005
Residual Monomer (ppm) 3.2 Max. OxyVinyls 1501
Apparent Bulk Density (g/cc) 0.515 – 0.575 ASTM D 1755
ASTM Cell Classification

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