



OxyVinyls® 225P

General Description

OxyVinyls® 225P 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® 225P is often converted into a wide range of pipe sizes and types which meet the most stringent standards for water supply and distribution.

Typical Applications

Irrigation pipe
Foam core pipe
Electrical conduit

Potable water supply pipe
DWV/Sewer pipe
Rigid profiles

Resin Properties

Inherent Viscosity (ASTM D-1243)
Relative Viscosity
(1% in Cyclohexanone @ 25°C)
"K" Value (DIN 53726)
Specific Gravity (ASTM D792)
Bulk Density (ASTM D-1895)
gms/cc
lbs/cu ft
Particle Size Distribution
% Retained on 40 Mesh
% Retained on 100 Mesh
% Through 200 Mesh
Volatiles (%)
Residual Monomer (ppm)
Classification (ASTM D-1755)
CAS Number

Typical Value

0.90
2.16
65
1.40
0.55
34
0
28
<3
0.1
<1.0
GP4-16340
9002-86-2

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Oxy Vinyls, LP

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