

OxyVinyls® 225

General Description

OxyVinyls® 225 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® 225 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	Potable water supply pipe
Foam core pipe	DWV/Sewer pipe
Electrical conduit	Rigid profiles

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	0.56
lbs/cu ft	35
Particle Size Distribution	
% Retained on 40 Mesh	0
% Retained on 100 Mesh	25
% 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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