



OxyVinyls™ 225P

Pipe Grade Suspension Resin

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

Resin Properties

	Typical Value
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Inherent Viscosity (ASTM D-1243)	0.92
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Relative Viscosity (1% in Cyclohexanone @25°C)	2.19
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K Value (DIN 53726)	65
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Specific Gravity (ASTM D792)	1.40
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Bulk Density (ASTM D-1895, Method B)	
gms/cc	0.55
lbs/cu ft	34

Particle Size Distribution

Retained On:	
40 Mesh, %	0
100 Mesh, %	28
Thru 200 Mesh, %	<3
Volatiles, %	0.1
Residual Monomer, ppm	<1.0
Classification (ASTM D-1755)	GP4-16340
CAS Number	9002-86-2
11/13/00	

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