



OxyVinyls[®] 225



General Description

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

Features and Uses:

OxyVinyls[®]225 is a suspension resin designed for rigid applications. It is often converted into a wide range of pipe sizes and types, which meet the most stringent standards for water supply and distribution. Its medium molecular weight provides excellent processing characteristics in both single and multi-screw extruders. Typical Applications include irrigation, foam core, potable water, DWV/sewer pipe, electrical conduit and rigid profiles.

Resin Properties	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.900	0.880 – 0.920	OxyVinyls 1386
Relative Viscosity	2.16	2.12 – 2.19	Correlation
K Value	65	64 – 65	Correlation
Volatiles (%)	0.07	0.24 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.1	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	3.0	10.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	6.0	15.0 Max.	
% Retained on Pan	1.1	5.0 Max.	
Residual Monomer (ppm)	0.11	3.2 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.590	0.575 – 0.625	OxyVinyls 1501
ASTM Cell Classification	GP4-16040		ASTM D 1755
CAS Number	9002-86-2		

OxyVinyls, LP

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Pasadena Plant
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