

# OxyVinyls® 225

Polyvinyl Chloride Homopolymer

OxyVinyls, LP

## Message:

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.

General Information	
Features	Good Processability
	High Rigidity
	Homopolymer
	Medium Molecular Weight
Uses	Conduit
	Irrigation Applications
	Piping
	Potable Water Applications
	Profiles
Agency Ratings	EU 10/2011
Appearance	White
Forms	Powder
Processing Method	Extrusion
	Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.58 to 0.63	g/cm <sup>3</sup>	Internal Method
PVC Cell Classification	GP4-16040		ASTM D1755
K-Value	64.0 to 65.0		
Inherent Viscosity	0.88 to 0.92	dl/g	Internal Method
Particle Size			Malvern
% Retained on Pan	< 5.00	%	
% Retained on 200 mesh	< 15.0	%	
% Retained on 40 mesh	< 0.500	%	
% Retained on 60 mesh	< 10.0	%	
Relative Viscosity	2.12 to 2.19		
CAS Number	9002-86-2		
Residual Monomer	< 3	ppm	Internal Method
Volatiles	< 0.24	%	Internal Method

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

