

OXYVINYL® 225

General Description

Type: Polyvinyl Chloride Homopolymer

Polymerization Process: Suspension

Appearance: White, free flowing powder

Features and Uses:

Pipe/Potable water
DWV/Sewer pipe
Irrigation
Foam Core
Electrical conduit
Extrusion rigid profile

Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.880 – 0.920	OxyVinyls 1386
K Value	64 – 65	Correlation
Volatiles (%)	0.30 Max.	OxyVinyls 1242
<u>Malvern Particle Size</u>		
% Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	10.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	15.0 Max.	
% Retained on Pan	5.0 Max.	
Contamination (#/100gm)	50 Max.	OxyVinyls 1504
Residual Monomer (ppm)	3.2 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.515 – 0.580	OxyVinyls 1501
Flow Time (s)	14 Max.	OxyVinyls 1501
Color (CIE Lab L* Value)	95.00 Min.	OxyVinyls 1500
Color (CIE Lab a* Value)	-0.60 – +0.50	OxyVinyls 1500
Color (CIE Lab b* Value)	1.90 Max.	OxyVinyls 1500

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