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OXYVINYLS

# OxyVinyls® 226F

## General Description

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

## Features and Uses:

- Medical and Food Grade Flexible Film and Sheet
- Medical and Food Grade Tubing and Molded Devices
- Wire and Cable Insulation
- Automotive Molding and Profile Applications
- Low Gels and Contamination
- Uniform Plasticizer Absorption
- Drug Master File Listing

| Resin Properties | Specification Range | Test Method |
|---|---|---|
| Inherent Viscosity (dl/g) | 0.930 – 0.970 | OxyVinyls 1386 |
| Relative Viscosity | 2.20 – 2.28 | Correlation |
| K Value | 66 – 67 | Correlation |
| Volatiles (%) | 0.3 Max. | OxyVinyls 1242 |
| Malvern Particle Size | | |
| % Retained on 40 mesh | 0.2 Max. | OxyVinyls 1505 |
| % Retained on 60 mesh | 3.0 Max. | OxyVinyls 1502 |
| % Retained on 200 mesh | 16.0 Max. | |
| % Retained on Pan | 3.0 Max. | |
| Contamination (#/100gm) | 12 Max. | OxyVinyls 1504 |
| Residual Monomer (ppm) | 1.0 Max. | OxyVinyls 1005 |
| Porosity (cc/g) | 0.30 – 0.36 | OxyVinyls 1094 |
| Apparent Bulk Density (g/cc) | 0.480 – 0.570 | OxyVinyls 1501 |
| Flow Time (s) | 12 Max. | OxyVinyls 1501 |
| Powder Mix Time (s) | 190 – 320 | OxyVinyls 488 |
| Color (CIELab b*-value) | 0.30 – 0.90 | OxyVinyls 1500 |
| Gels (4' mill results) | 10 Max. | OxyVinyls 1503 |

**Oxy Vinyls, LP**
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