



OxyVinyls[®] 155F



General Description

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

Features and Uses:

Alloys and Polyblends
High Flow Injection Molding Compounds
Color Concentrates and Masterbatches
Flow Enhancement
Flexible and Rigid Foams

Resin Properties

Specification Range

Test Method

| | | |
|------------------------------|---------------|----------------|
| Inherent Viscosity (dl/g) | 0.500 – 0.540 | OxyVinyls 1386 |
| Relative Viscosity | 1.580 – 1.620 | Correlation |
| K Value | 49 – 50 | Correlation |
| Volatiles (%) | 0.15 Max. | OxyVinyls 1242 |
| Malvern Particle Size | | |
| % Retained on 40 mesh | 0.5 Max. | OxyVinyls 1505 |
| % Retained on 60 mesh | 2.0 Max. | OxyVinyls 1502 |
| % Retained on 200 mesh | 50.0 Max. | |
| % Retained on Pan | 20.0 Max. | |
| Contamination (#/100gm) | 10 Max. | OxyVinyls 1504 |
| Residual Monomer (ppm) | 1.0 Max. | OxyVinyls 1005 |
| Porosity (cc/g) | 0.170 – 0.270 | OxyVinyls 1094 |
| Apparent Bulk Density (g/cc) | 0.540 – 0.590 | OxyVinyls 1501 |
| Flow Time (s) | 18 Max. | OxyVinyls 1501 |

Oxy Vinyls, LP

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