

OXYVINYLS® 155

<p>General Description</p> <p><u>Type:</u> Polyvinyl Chloride Homopolymer</p> <p><u>Polymerization Process:</u> Suspension</p> <p><u>Appearance:</u> White, free flowing powder</p>	<p>Features and Uses:</p> <p>Alloys and Polyblends</p> <p>Flow Enhancement</p> <p>High Flow Injection Molding Compounds</p> <p>Flexible and Rigid Foams</p> <p>Color Concentrates and Masterbatches</p>
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Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.500 – 0.530	OxyVinyls 1386
K Value	49 – 50	Correlation
Volatiles (%)	0.13 Max.	OxyVinyls 1242
<u>Malvern Particle Size</u>		
% 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)	30 Max.	OxyVinyls 1504
Residual Monomer (ppm)	4.0 Max.	OxyVinyls 1005
Porosity (ml/g)	0.17 – 0.27	OxyVinyls 1094
Apparent Bulk Density (g/ml)	0.540 – 0.590	OxyVinyls 1501
Flow Time (s)	18 Max.	OxyVinyls 1501
Color (CIELab L* Value)	97.20 Min.	OxyVinyls 1500
Color (CIELab a* Value)	-0.90 – +0.40	OxyVinyls 1500
Color (CIELab b* Value)	1.30 – 3.00	OxyVinyls 1500

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