



OxyVinyls[®] 155



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	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.515	0.500 – 0.530	OxyVinyls 1386
Relative Viscosity	1.60	1.580 – 1.620	Correlation
K Value	50	49 – 50	Correlation
Volatiles (%)	0.08	0.13 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.0	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	0.1	2.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	34	50.0 Max.	
% Retained on Pan	7.4	20.0 Max.	
Contamination (#/100gm)	8	30 Max.	OxyVinyls 1504
Residual Monomer (ppm)	0.1	4.0 Max.	OxyVinyls 1005
Porosity (cc/g)	0.230	0.170 – 0.270	OxyVinyls 1094
Apparent Bulk Density (g/cc)	0.570	0.540 – 0.590	OxyVinyls 1501
Flow Time (s)	12	18 Max.	OxyVinyls 1501
CAS Number	9002-86-2		

OxyVinyls, LP

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