OxyVinyls® 190F

General Description

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

Features and Uses:

Extrusions, foams, clear film and sheet	Calendering
Injection molding, Pipe fittings	Alloying
Solution top coats	Flooring

Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.710 – 0.750	OxyVinyls 1386
Relative Viscosity	1.86 – 1.92	Correlation
K Value	57 – 59	Correlation
Volatiles (%)	0.30 Max.	OxyVinyls 1242
Malvern Particle Size		
% Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	4.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	25.0 Max.	
% Retained on Pan	6.0 Max.	
Contamination (#/100gm)	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	1.0 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.515 – 0.595	OxyVinyls 1501
Flow Time (s)	14 Max.	OxyVinyls 1501
Gels (BEST Test)	10 Max.	OxyVinyls 1249
Color (CIE Lab b* Value)	0.50 – 1.40	OxyVinyls 1500

Oxy Vinyls, LP

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