

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

Flooring

Solution top coats

Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.710 – 0.750	OxyVinyls 1386
K Value	57 – 59	Correlation
Volatiles (%)	0.30 Max.	OxyVinyls 1242
<u>Malvern Particle Size</u>		
% Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	4.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	50.0 Max.	
% Retained on Pan	12.0 Max.	
Contamination (#/100gm)	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	2.0 Max.	OxyVinyls 1005
Apparent Bulk Density (g/ml)	0.500 – 0.595	OxyVinyls 1501
Flow Time (s)	15 Max.	OxyVinyls 1501
Gels (BEST Test)	10 Max.	OxyVinyls 1249
Color (CIELab L* Value)	97.60 Min.	OxyVinyls 1500
Color (CIELab a* Value)	-0.80 – +0.60	OxyVinyls 1500
Color (CIELab b* Value)	0.50 – 2.40	OxyVinyls 1500

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