

OXYVINYLs® 185F

General Description

Type: Polyvinyl Chloride Homopolymer

Polymerization Process: Suspension

Appearance: White, free flowing powder

Features and Uses:

Injection molding, Pipe fittings
Extrusion, clear film, and sheet
Calendering
Rigid foam profiles
Alloying
Flooring
Solution top coats
Low Gels and Contamination

Resin Properties	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.660 – 0.700	OxyVinyls 1386
K Value	55 – 57	Correlation
Volatiles (%)	0.3 Max.	OxyVinyls 1242
<u>Malvern Particle Size</u>		
% Retained on 40 mesh	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	3.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	50.0 Max.	
% Retained on Pan	12.0 Max.	
Contamination (#/100gm)	10 Max.	OxyVinyls 1504
Residual Monomer (ppm)	1.0 Max.	OxyVinyls 1005
Apparent Bulk Density (g/ml)	0.525 – 0.605	OxyVinyls 1501
Flow Time (s)	14 Max.	OxyVinyls 1501
Gels (BEST Test)	10 Max.	OxyVinyls 1249
Color (CIELab L* Value)	97.60 Min.	OxyVinyls 1500
Color (CIELab a* Value)	-0.40 – +0.70	OxyVinyls 1500
Color (CIELab b* Value)	0.50 – 2.80	OxyVinyls 1500

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