



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
Injection molding, Pipe fittings
Solution top coats

Calendering
Alloying
Flooring

Resin Properties	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	0.730	0.710 – 0.750	OxyVinyls 1386
Relative Viscosity	1.89	1.86 – 1.92	Correlation
K Value	58	57 – 59	Correlation
Volatiles (%)	0.09	0.30 Max.	OxyVinyls 1242
Malvern Particle Size			
% Retained on 40 mesh	0.0	0.5 Max.	OxyVinyls 1505
% Retained on 60 mesh	1.0	4.0 Max.	OxyVinyls 1502
% Retained on 200 mesh	14.3	25.0 Max.	
% Retained on Pan	2.4	6.0 Max.	
Contamination (#/100gm)	2	15 Max.	OxyVinyls 1504
Residual Monomer (ppm)	0.1	1.0 Max.	OxyVinyls 1005
Apparent Bulk Density (g/cc)	0.552	0.515 – 0.595	OxyVinyls 1501
Flow Time (s)	8	14 Max.	OxyVinyls 1501
Gels (BEST Test)	3	10 Max.	OxyVinyls 1249
Color (CIE Lab b* Value)	0.84	0.50 – 1.40	OxyVinyls 1500
CAS Number	9002-86-2		

OxyVinyls, LP

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