

OxyVinyls® 190F

Polyvinyl Chloride Homopolymer

OxyVinyls, LP

Message:

OxyVinyls® 190F is a Polyvinyl Chloride Homopolymer (PVC Homopolymer) product. It can be processed by calendering, film extrusion, foam extrusion, injection molding, or sheet extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of OxyVinyls® 190F include additive/masterbatch, coating applications, construction applications, engineering/industrial parts and film. Primary characteristic: homopolymer.

General Information	
Features	Foamable Homopolymer
Uses	Blending Coating Applications Film Fittings Flooring Foam Sheet
Agency Ratings	EU 10/2011
Appearance	White
Forms	Powder
Processing Method	Calendering Film Extrusion Foam Extrusion Injection Molding Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.52 to 0.60	g/cm ³	Internal Method
K-Value	57.0 to 59.0		
Color - CIE Lab b* Value	0.50 to 1.4		Internal Method
Contamination	< 15	number/kg	Internal Method
Gel Content - BEST Test	< 10.0		Internal Method
Inherent Viscosity	0.71 to 0.75	dl/g	Internal Method
Particle Size			Malvern
% Retained on Pan	< 6.00	%	
% Retained on 200 mesh	< 25.0	%	
% Retained on 40 mesh	< 0.500	%	

% Retained on 60 mesh	< 4.00	%	
Relative Viscosity	1.86 to 1.92		
CAS Number	9002-86-2		
Flow Time	< 14.0	sec	Internal Method
Residual Monomer	< 1	ppm	Internal Method
Volatiles	< 0.30	%	Internal Method

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Recommended distributors for this material

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