

OxyVinyls® 500F

Polyvinyl Chloride Homopolymer

OxyVinyls, LP

Message:

OxyVinyls® 500F is a Polyvinyl Chloride Homopolymer (PVC Homopolymer) product. It can be processed by film extrusion, injection molding, or sheet extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of OxyVinyls® 500F include film, food contact applications, hose/tubing, medical/healthcare and sheet.

Characteristics include:

- Clarity
- High Purity
- Homopolymer

General Information			
Features	Clean/High Purity		
	Good Colorability		
	High Clarity		
	Homopolymer		
	Low Gel		
Uses	Film		
	Medical/Healthcare Applications		
	Non-specific Food Applications		
	Sheet		
	Tubing		
	Wire & Cable Applications		
Agency Ratings	EU 10/2011		
Appearance	White		
Forms	Powder		
Processing Method	Film Extrusion		
	Injection Molding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.48 to 0.56	g/cm ³	Internal Method
K-Value	70.0 to 72.0		
Contamination	< 16	number/kg	Internal Method
Gel Content - 4' mill results	< 10.0		Internal Method
Inherent Viscosity	1.1	dl/g	Internal Method
Particle Size			Malvern
% Retained on Pan	< 3.00	%	
% Retained on 200 mesh	< 18.0	%	

% Retained on 40 mesh	< 0.200	%	
% Retained on 60 mesh	< 2.00	%	
Relative Viscosity	2.42 to 2.50		
CAS Number	9002-86-2		
Flow Time	< 12.0	sec	Internal Method
Porosity	0.300 to 0.400	cm ³ /g	Internal Method
Powder Mix Time	4.2 to 5.8	min	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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