

OxyVinyls® 240F

Polyvinyl Chloride Homopolymer

OxyVinyls, LP

Message:

OxyVinyls® 240F is a Polyvinyl Chloride Homopolymer (PVC Homopolymer) product. It can be processed by calendering, 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® 240F include film, food contact applications, hose/tubing, medical/healthcare and sheet.

Characteristics include:

High Purity

Homopolymer

General Information	
Features	Clean/High Purity
	Homopolymer
	Low Gel
Uses	Film
	Medical/Healthcare Applications
	Non-specific Food Applications
	Sheet
	Tubing
	Wire & Cable Applications
Appearance	White
Forms	Powder
Processing Method	Calendering
	Film Extrusion
	Injection Molding
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.47 to 0.55	g/cm ³	Internal Method
K-Value	68.0 to 70.0		
Color - CIELab b*-value	0.30 to 0.96		Internal Method
Contamination	< 12	number/kg	Internal Method
Gel Content - 4' mill results	< 10.0		Internal Method
Inherent Viscosity	1.0	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	< 2.50	%	

Relative Viscosity	2.32 to 2.41		
CAS Number	9002-86-2		
Flow Time	< 12.0	sec	Internal Method
Porosity	0.310 to 0.380	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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