

OxyVinyls® 255

Polyvinyl Chloride Homopolymer

OxyVinyls, LP

Message:

OxyVinyls® 255 is a Polyvinyl Chloride Homopolymer (PVC Homopolymer) product. It can be processed by film extrusion, injection molding, profile extrusion, or sheet extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of OxyVinyls® 255 include automotive, film, food contact applications, hose/tubing and medical/healthcare.

Characteristics include:

- Good Flexibility
- High Purity
- Homopolymer

General Information			
Features	Clean/High Purity		
	Good Flexibility		
	Homopolymer		
	Low Gel		
Uses	Automotive Applications		
	Film		
	Medical/Healthcare Applications		
	Non-specific Food Applications		
	Profiles		
	Sheet		
	Tubing		
	Wire & Cable Applications		
Appearance	White		
Forms	Powder		
Processing Method	Film Extrusion		
	Injection Molding		
	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.44 to 0.52	g/cm ³	Internal Method
K-Value	72.0 to 74.0		
Color - CIELab b*-value	0.25 to 1.4		Internal Method
Contamination	< 15	number/kg	Internal Method
Gel Content - 4' mill results	< 30.0		Internal Method
Inherent Viscosity	1.1 to 1.2	dl/g	Internal Method
Particle Size			Malvern

% Retained on Pan	< 2.00	%	
% Retained on 200 mesh	< 12.0	%	
% Retained on 40 mesh	< 0.200	%	
% Retained on 60 mesh	< 2.00	%	
Relative Viscosity	2.51 to 2.61		
CAS Number	9002-86-2		
Flow Time	< 12.0	sec	Internal Method
Powder Mix Time	4.6 to 6.5	min	Internal Method
Residual Monomer	< 4	ppm	Internal Method
Volatiles	< 0.30	%	Internal Method

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