

OxyVinyls® 185

Polyvinyl Chloride Homopolymer

OxyVinyls, LP

Message:

OxyVinyls® 185 is a Polyvinyl Chloride Homopolymer (PVC Homopolymer) product. It can be processed by calendering, 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® 185 include construction applications, engineering/industrial parts, film, foam and sheet. Primary characteristic: homopolymer.

General Information			
Features	Foamable		
	Homopolymer		
Uses	Film		
	Fittings		
	Flooring		
	Foam		
	Profiles		
	Sheet		
Agency Ratings	EU 10/2011		
Appearance	Clear/Transparent		
Forms	Powder		
Processing Method	Calendering		
	Film Extrusion		
	Injection Molding		
	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.53 to 0.61	g/cm ³	Internal Method
PVC Cell Classification	GP1-16050		ASTM D1755
K-Value	55.0 to 57.0		
Contamination	< 30	number/kg	Internal Method
Inherent Viscosity	0.66 to 0.70	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	< 3.00	%	
Relative Viscosity	1.78 to 1.85		
CAS Number	9002-86-2		

Flow Time	< 14.0	sec	Internal Method
Residual Monomer	< 3	ppm	Internal Method
Volatiles	< 0.40	%	Internal Method

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Recommended distributors for this material

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