

# OxyVinyls® 280

Polyvinyl Chloride Homopolymer

OxyVinyls, LP

## Message:

OxyVinyls® 280 is a Polyvinyl Chloride Homopolymer (PVC Homopolymer) product. It can be processed by calendering or extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

- Fatigue Resistant
- High Strength
- Homopolymer
- Impact Resistant
- Wear Resistant

General Information	
Features	Fatigue Resistant
	Good Abrasion Resistance
	Good Impact Resistance
	High Strength
	Homopolymer
	Medium Molecular Weight
Agency Ratings	EU 10/2011
Appearance	White
Forms	Powder
Processing Method	Calendering
	Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.41 to 0.51	g/cm <sup>3</sup>	Internal Method
K-Value	77.0 to 79.0		
Contamination	< 15	number/kg	Internal Method
Inherent Viscosity	1.2 to 1.3	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	< 4.00	%	
Relative Viscosity	2.75 to 2.84		
CAS Number	9002-86-2		
Flow Time	< 20.0	sec	Internal Method
Porosity	0.320 to 0.400	cm <sup>3</sup> /g	Internal Method
Residual Monomer	< 2	ppm	Internal Method

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#### Recommended distributors for this material

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