

# MonoSol® M1000

Polyvinyl Alcohol

MonoSol, LLC

## Message:

MonoSol® M1000 is a polyvinyl alcohol (PVOH) material. This product is available in North America or Europe. MonoSol® The main characteristics of M1000 are: hardness.

MonoSol® The typical application areas of M1000 are: movies

General Information			
Features	Rigidity, high		
Uses	release film		
Forms	Films		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
Tensile Strength - MD			ASTM D882
Yield	81.7	MPa	ASTM D882
Fracture	107	MPa	ASTM D882
Tensile Elongation - MD			ASTM D882
Yield	3.0	%	ASTM D882
Fracture	40	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	135	°C	ASTM D794
Additional Information			

Maximum Use Temperature, Test Method Unspecified: 275°F Yield per Thousandth of an Inch, Test Method Unspecified: 143 ft<sup>2</sup>/lb Elmendorf Tear Strength, ASTM D1922: <32 g/mil Mono-Sol® M1000 film is also available in additional thicknesses.

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## Recommended distributors for this material

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