

# MonoSol® D-8534 XR

Polyvinyl Alcohol

MonoSol, LLC

### Message:

Product Description:  
Mono-Sol® D-8534 XR is a proprietary film system (patent pending) comprising a layer of M-8534 polyvinyl alcohol film with a dispersible barrier layer. This unique film combines the rapid solubility and excellent heat sealing properties of M-8534 with even better chemical resistance while at the same time preventing undesirable plasticizer migration. Mono-Sol® D-8534 XR film conforms to U.S. Environmental Protection Agency 40 CFR 180.1001 (d).

General Information			
Forms	Films		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
Tensile Strength - MD (Break)	28.3	MPa	ASTM D882
Tensile Elongation - MD (Break)	500	%	ASTM D882
Dart Drop Impact	650	g	ASTM D1709
Elmendorf Tear Strength - MD	1600	g	ASTM D1922
Additional Information			
Modulus at 100% Elongation, ASTM D882: 1400 psiEquilibrium Moisture Content, Test Method Unspecified, 23°C, 40% R.H.: 6.5%Equilibrium Moisture Content, Test Method Unspecified, 23°C, 50% R.H.: 9.2%Equilibrium Moisture Content, Test Method Unspecified, 23°C, 60% R.H.: 11.1%Solubility, MSTM 205, 1.5 mil, 50°F Distilled Water: Disintegration, 6 sec; Dissolution, 22 secSolubility, MSTM 205, 1.5 mil, 75°F Distilled Water: Disintegration, 3 sec; Dissolution, 15 sec			

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