

# ACLAR® 88A

Polychlorotrifluoroethylene  
Honeywell

Message:

ACLAR® 88A is a Polychlorotrifluoroethylene (PCTFE) product. It can be processed by thermoforming and is available in North America. Applications of ACLAR® 88A include coating applications, film, food contact applications, medical/healthcare and packaging.

Characteristics include:

- Chemical Resistant
- Clarity
- Copolymer
- Flame Retardant
- Good Dimensional Stability

General Information			
Features	Copolymer		
	Electrically Insulating		
	Flame Retardant		
	Good Chemical Resistance		
	Good Dimensional Stability		
	Good Flexibility		
	Good Heat Seal		
	Good Sterilizability		
	High Clarity		
	Moisture Barrier		
Uses	Film		
	Laminates		
	Packaging		
	Pharmaceuticals		
Agency Ratings	FDA 21 CFR 177.1380		
Appearance	Clear/Transparent		
Forms	Film		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	2.10	g/cm <sup>3</sup>	ASTM D1505
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	19	µm	ASTM D882
Secant Modulus			
1% Secant, MD	1030	MPa	
1% Secant, TD	896	MPa	ASTM D882
Tensile Strength			

MD : Yield	58.6	MPa	
TD : Yield	34.5	MPa	
Tensile Elongation			ASTM D882
MD : Break	200	%	
TD : Break	250	%	
Dart Drop Impact	93	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	24	g	
TD	24	g	
Thermal	Nominal Value	Unit	Test Method
Thermal Conductivity	0.22	W/m/K	ASTM C177
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	100	%	ASTM D2863
Optical	Nominal Value	Unit	Test Method
Haze	1.0	%	ASTM D1003

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#### Recommended distributors for this material

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