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

AppearanceClear/TransparentFormsFilmProcessing MethodThermoformingPhysicalNominal ValueUnitDensity2.10g/cm³FilmsNominal ValueUnitFilm Thickness - Tested19µm	General Information					
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1% Secant, MD 1030 MPa 1% Secant, TD 896 MPa	Film Thickness - Tested	19	μm			
1% Secant, TD 896 MPa	Secant Modulus			ASTM D882		
	1% Secant, MD	1030	MPa			
Tensile Strength ASTM D882	1% Secant, TD	896	MPa			
	Tensile Strength			ASTM D882		

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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