

ACLAR® 11A (0.9 mil)

Polychlorotrifluoroethylene

Honeywell

Message:

ACLAR® 11A (0.9 mil) is a polytrifluoroethylene (PCTFE) product. It can be processed by casting film and is available in North America, Europe or Asia Pacific. ACLAR®The application fields of 11A (0.9 mil) include electrical/electronic applications and industrial applications.

Features include:

Homopolymer

chemical resistance

General Information			
Features	Homopolymer		
	Good chemical resistance		
	Barrier resin		
Uses	Electrical/Electronic Applications		
	Industrial application		
Forms	Particle		
Processing Method	cast film		
Physical	Nominal Value	Unit	Test Method
Density	2.10	g/cm ³	ASTM D1505
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
MD : 23 μm	1380	MPa	ASTM D882
TD : 23 μm	1290	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield, 23 μm	109	MPa	ASTM D882
TD: Yield, 23 μm	51.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Yield, 23 μm	100	%	ASTM D882
TD: Yield, 23 μm	250	%	ASTM D882
Water Vapor Transmission	0.26	g/m ² /24 hr	ASTM E96
Thermal	Nominal Value	Unit	Test Method
Thermal Conductivity	0.21	W/m/K	ASTM C177
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.0229 mm)	100	%	ASTM D2863
Optical	Nominal Value	Unit	Test Method
Haze (22.9 μm)	1.0	%	ASTM D1003
Additional Information			

Yield, No Standard: 20.75 m²/kgTear Strength, ASTM D1004, Graves MD: 325 to 375 g/milTear Strength, ASTM D1004, Graves TD: 275 to 325 g/milCrystalline Melting Point, ASTM D4591: 211 °CDimensional Stability, ASTM D1204, MD: 8 to 15 %Dimensional Stability, ASTM D1204, TD: -8 to -13 %All film properties were tested as an average value.

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

