ACLAR® Flex 250

Polychlorotrifluoroethylene

Honeywell

Message:

Aclar Flex 250 is a 25 micron (1.0-mil) CTFE homopolymer high performance barrier film for the pharmaceutical and medical markets. Its high barrier and excellent dimensional stability make it ideal for flexible packaging applications such as pouches,
overwraps, and lidding.

General Information			
Features	Pressure cooker disinfection		
	Good disinfection		
	Homopolymer		
	Good cracking resistance		
	Definition, high		
	Barrier resin		
Uses	Packaging		
	Films		
	Medical/nursing supplies		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	2.11	g/cm³	ASTM D1505
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	25	µm	
secant modulus			ASTM D882
MD : 25 µm	1910	MPa	ASTM D882
TD : 25 µm	1220	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield, 25 µm	169	MPa	ASTM D882
TD: Yield, 25 µm	36.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Yield, 25 µm	26	%	ASTM D882
TD: Yield, 25 µm	250	%	ASTM D882
Water Vapor Transmission Rate (25 µm, 38°C, 100% RH)	3.9E-3	g·mm/m²/atm/24 hr	ASTM F1249
Thermal	**Nominal Value**	**Unit**	**Test Method**
Peak Crystallization Temperature (DSC)	211	°C	ASTM D3418
Optical	**Nominal Value**	**Unit**	**Test Method**
Haze (25.4 µm)	< 1.0	%	ASTM D1003
Additional Information			

Yield, No Standard: 18.56 m^2/kgCrystalline Melting Point, ASTM D4591: 211 °CDimensional Stability, ASTM D1204, MD & TD: -6 to -12 %Graves Tear Strength, ASTM D1004, MD: 433 g/milGraves Tear Strength, ASTM D1004, TD: 350 g/mil

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