ACLAR® 22C (3 mil)

Polychlorotrifluoroethylene

Honeywell

Message:

ACLAR®22C (3 mil) is a polytrifluoroethylene (PCTFE) product. It can be processed by casting film and is available in North America, Europe or Asia Pacific. Typical application areas are: packaging. The main characteristics are: copolymer.

General Information			
UL YellowCard	E236381-230358		
Features	Copolymer Barrier resin		
Uses	Packaging		
Forms	Particle		
Processing Method	cast film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	2.08	g/cm³	ASTM D1505
Films	**Nominal Value**	**Unit**	**Test Method**
secant modulus			ASTM D882
MD : 76 µm	1040	MPa	ASTM D882
TD : 76 µm	1040	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield, 76 µm	62.0	MPa	ASTM D882
TD: Yield, 76 µm	41.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Yield, 76 µm	190	%	ASTM D882
TD: Yield, 76 µm	230	%	ASTM D882
Water Vapor Transmission	0.17	g/m²/24 hr	ASTM E96
Thermal	**Nominal Value**	**Unit**	**Test Method**
Thermal Conductivity	0.22	W/m/K	ASTM C177
Flammability	**Nominal Value**	**Unit**	**Test Method**
Oxygen Index (0.0762 mm)	100	%	ASTM D2863
Optical	**Nominal Value**	**Unit**	**Test Method**
Haze (76.2 µm)	1.0	%	ASTM D1003

Additional Information
Yield, No Standard: 6.3 m²/kgTear Strength, ASTM D1004, Graves MD: 300 to 350 g/milTear Strength, ASTM D1004, Graves TD: 250 to 325 g/milCrystalline Melting Point, ASTM D4591: 190 °CDimensional Stability, ASTM D1204, MD: 3 to 8 %Dimensional Stability, ASTM D1204, TD: -3 to -8 %All film properties were tested as an average value.

Recommended distributors for this material

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