

Honeywell PCTFE P2000HS

Polychlorotrifluoroethylene

Honeywell

Message:

Honeywell PCTFE P-Series HS film is a copolymer poly-chlor-tri-fluoroethylene film. Honeywell PCTFE HS film has the ability to heat seal to itself utilizing impulse sealing methods.

General Information			
Features	Controlled rheology		
	Heat sealable		
Uses	Films		
Forms	Films		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.08	g/cm ³	ASTM D792
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
MD	1550	MPa	ASTM D882
TD	1380	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	62.1	MPa	ASTM D882
TD: Fracture	41.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	180	%	ASTM D882
TD: Fracture	200	%	ASTM D882
Water Vapor Transmission	0.25	g/m ² /24 hr	ASTM E96
Thermal	Nominal Value	Unit	Test Method
Peak Crystallization Temperature (DSC)	190	°C	ASTM D3418
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	100	%	ASTM D2863
Optical	Nominal Value	Unit	Test Method
Haze	< 1.0	%	ASTM D1003
Additional Information			

Yield: 6647 in²/lbTensile Strength @ Break, ASTM D 882, MD: 8000 to 10000 psiTensile Strength @ Break, ASTM D 882, TD: 5000 to 7000 psiElongation @ Break, ASTM 882, MD: 120 to 225%Elongation @ Break, ASTM 882, TD: 150 to 250%Secant Modulus, ASTM D 882, MD: 200000 to 250000 psiSecant Modulus, ASTM D 882, TD: 180000 to 220000 psiGraves Tear (initial), ASTM D 1004, MD: 325 to 350 g/milGraves Tear (initial), ASTM D 1004, TD: 250 to 325 g/milDimensional Stability, ASTM D1204, TD, 300°F, 10 min: -5 to -10% shrinkageDimensional Stability, ASTM D1204, MD, 300°F, 10 min: +5 to +10% shrinkageFlammability: Non-flammable

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.

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

