

ACLAM® TC200 (10 mil)

Polyolefin

Honeywell

Message:

Aclam® TC200 is a low temperature heat sealable lamination composed of a 2 mil (50μ) polyolefin heat seal layer and an 8 mil (200μ) proprietary Aclar® 11C film layer.

General Information			
Features	Heat sealable		
Forms	Particle		
Processing Method	cast film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
With Metal-Dynamic	0.43		ASTM D1894
With metal-static	0.55		ASTM D1894
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
MD : 51 μm	1140	MPa	ASTM D882
TD : 51 μm	1140	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield, 51 μm	23.4	MPa	ASTM D882
TD: Yield, 51 μm	23.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Yield, 51 μm	100	%	ASTM D882
TD: Yield, 51 μm	75	%	ASTM D882
Elmendorf Tear Strength			ASTM D1922
MD : 51 μm	1600	g	ASTM D1922
TD : 51 μm	2800	g	ASTM D1922
Water Vapor Transmission Rate (38°C, 100% RH)	0.023	g · mm/m ² /atm/24 hr	ASTM F1249
Additional Information			

Yield, No Standard: 2.1 m²/kgCoef of Friction, ASTM D1894, vs Metal- Dynamic: 0.4 to 0.45Coef of Friction, ASTM D1894, vs Metal- Static: 0.5 to 0.6

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