

## Biaxially Oriented Polyester Film

## General Property of “EMBLET™ PC-12”

Effective Date : 3rd February 2025

Properties		Test Method	Units	Measurement Value
Thickness		ISO 4593	μm	12
Tensile Strength	MD	ISO 527-3	MPa	200
	TD			180
Elongation	MD	ISO 527-3	%	130
	TD			130
Tensile Modulus	MD	ISO 527-3	GPa	3.7
	TD			3.6
Tear Propagation Resistance	MD	ISO 6383-1	mN	20
	TD			30
Pinhole Resistance (Piercing)		UNITIKA Method Radius 0.5mm	N	5.5
Heat Shrinkage	MD	UNITIKA Method Dry Air 160°C-15min.	%	1.7
	TD			0.3
Haze		ISO 14782	%	5.5
Gloss		ISO 2813	%	150
Coefficient of Friction, Kinetic	Non-treated Side / Non-treated Side	ISO 8295	—	0.40
Surface Tension	Corona Side	ISO 8296	mN/m	48
	Non-treated Side			36

Test condition is 23°C-50%RH unless described in Test Method.

Described data is for information only and no guarantee of all products property.