

Biaxially Oriented Polyester Film

General Property of “ EMBLET™ PTM-12 ”

Effective Date : 3rd February 2025

Properties		Test Method	Units	Measurement Value
Thickness		ISO 4593	µm	12
Tensile Strength	MD	ISO 527-3	MPa	235
	TD			225
Elongation	MD	ISO 527-3	%	130
	TD			120
Tensile Modulus	MD	ISO 527-3	GPa	4.3
	TD			4.3
Tear Propagation Resistance	MD	ISO 6383-1	mN	25
	TD			20
Pinhole Resistance (Piercing)		UNITIKA Method Radius 0.5mm	N	6.5
Heat Shrinkage	MD	UNITIKA Method Dry Air 160°C-15min.	%	1.4
	TD			0.6
Haze		ISO 14782	%	4.5
Gloss		ISO 2813	%	140
Coefficient of Friction, Kinetic	Non-treated Side / Non-treated Side	ISO 8295	—	0.40
Surface Tension	Chemical Treated Side	ISO 8296	mN/m	44
	Non-treated Side			40

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.