

## Biaxially Oriented Polyester Film

## General Property of “ EMBLET™ PEM-16 ”

Effective Date : 3rd February 2025

Properties		Test Method	Units	Measurement Value
Thickness		ISO 4593	μm	16
Tensile Strength	MD	ISO 527-3	MPa	235
	TD			225
Elongation	MD	ISO 527-3	%	130
	TD			140
Tensile Modulus	MD	ISO 527-3	GPa	4.1
	TD			4.0
Tear Propagation Resistance	MD	ISO 6383-1	mN	45
	TD			35
Heat Shrinkage	MD	UNITIKA Method Dry Air 160°C-15min.	%	1.4
	TD			0.6
Haze		ISO 14782	%	5.0
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.