

Biaxially Oriented Polyester Film

General Property of “ EMBLET™ PET-25 ”

Effective Date : 3rd February 2025

Properties		Test Method	Units	Measurement Value
Thickness		ISO 4593	μm	25
Tensile Strength	MD	ISO 527-3	MPa	225
	TD			235
Elongation	MD	ISO 527-3	%	160
	TD			150
Tensile Modulus	MD	ISO 527-3	GPa	3.9
	TD			3.9
Tear Propagation Resistance	MD	ISO 6383-1	mN	100
	TD			80
Heat Shrinkage	MD	UNITIKA Method Dry Air 160°C-15min.	%	1.4
	TD			0.0
Oxygen Transmission Rate (O ₂ TR)		ISO 15105-2 20°C-65%RH	ml/(m ² ·d·MPa)	380
Water Vapor Transmission Rate (WVTR)		ISO 15106-2 40°C-90%RH	g/(m ² ·d)	30
Haze		ISO 14782	%	3.5
Gloss		ISO 2813	%	180
Coefficient of Friction, Kinetic	Non-treated Side / Non-treated Side	ISO 8295	—	0.40
Surface Tension	Corona Side	ISO 8296	mN/m	54
	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.