

Biaxially Oriented Polyamide Film with Straight-cut Property

General Property of “ EMBLEM™ NC-15 ”

Effective Date : 30th November 2022

Properties		Test Method	Units	Measurement Value
Thickness		ISO 4593	μm	15
Tensile Strength	MD	ISO 527-3	MPa	230
	TD			235
Elongation	MD	ISO 527-3	%	125
	TD			110
Tensile Modulus	MD	ISO 527-3	GPa	2.8
	TD			2.5
Tear Propagation Resistance	MD	ISO 6383-1	mN	35
	TD			35
Pinhole Resistance (Piercing)		UNITIKA Method Radius 0.5mm	N	8.5
Heat Shrinkage	MD	UNITIKA Method Dry Air 160°C-5min.	%	1.6
	TD			0.6
	MD	UNITIKA Method Hot Water 100°C-5min.	%	3.0
	TD			2.1
Haze		ISO 14782	%	5.0
Gloss		ISO 2813	%	150
Coefficient of Friction, Kinetic	Non-treated Side / Non-treated Side	ISO 8295	—	0.35
Surface Tension	Corona side	ISO 8296	mN/m	50
	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.