

Vacuum Metallized Polyester Film Export Technical Standard

Physical Standard

Properties		Units	Typical Values	Test Methods
			VMBOPET	
Tensile Strength	MD	MPa	≥180	GB13022-91
	TD		≥180	
Elongation	MD	%	≥90	GB13022-91
	TD		≥90	
Heat Shrinkage	MD	%	≤2.5	GB12027
	TD		≤1	
Wetting Tension of Metallized Side		MN/m	42	GB/T14216
Optical Density		--	1.8-2.3	--
Water Vapor Transfer Rates		g/m ² .24h	≤1.5	GB/T1037
Oxygen Permeability		ml/m ² .24h.atm	≤2.0	GB/T1038

Configuration Standard

Properties	Units	Typical Values	Test Methods
		VMBOPET	
Thickness	mic	11-12	-
Maximum Width	mm	2450mm	-
Thickness Tolerance	%	+/- 3	GB6672
Width Tolerance	mm	+/- 2	GB6673
Equality Tolerance of Metallizing Layer	%	+/- 5	
Combining Fastness Tolerance of Metallizing Layer	%	≥95	
Wrinkle	Strip/m	0	-
Spray Spot	Spot/m ²	≤2	
Lateral Edges Alignment	mm	≤2	-
Splice	Unit/roll	≤1	-
Splice Percent Per Shipment	%	≤15	-