

PRODUCT DATA

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Questar®

POLYESTER FILM

48 Gauge CP-267

PRODUCT DESCRIPTION:

Questar® CP-267 is a clear Polyester Film that is Matte Coating on one side and corona treated on the other side. The Matte Coating has high COF properties with excellent handling characteristics. The matte surface is ultra-low gloss with excellent contact clarity when reverse printed, eliminating the print wash-out from reflected light at the point of sale common to other matte films. For best printing results Filmquest recommends the use of inline corona treatment prior to printing.

This film also has a “SOFT TOUCH” feel designed into the polymer that is unique to CP-267 giving the package a higher perception of quality to the consumer.

PROPERTIES	TEST METHOD	DESCRIPTION	US UNIT	TYPICAL VALUES	TOLERANCE
Nominal Thickness	FQ	N/A	Gauge	48	+/- 5.00%
Yield		N/A	in ² /lb	37,746	+/- 5.00%
Tensile Strength at Break	ASTM D 882	Machine Direction	psi	31,500	+/- 10.00%
		Transverse Direction	psi	32,900	+/- 10.00%
Elongation at Break	ASTM D 882	Machine Direction	%	125	+/- 15.00%
		Transverse Direction	%	120	+/- 15.00%
Bond	AIMCAL	Matte/Film	grams	300	Minimum
	Filmquest Method	Rub	cycles	10	Minimum
Heat Shrinkage 150°C/30min	ASTM D 1204	Machine Direction	%	2.0	+/- 25.00%
		Transverse Direction	%	0.2	+/- 50.00%
Coefficient of Friction	ASTM D 1894	Matte Side	N/A	.50	Minimum
Gloss	ASTM D 523	Clear Side	%	190	+/- 20.00%
		Matte Side	%	12	Maximum
Surface Tension	ASTM D 2578	Treated Side	Dyne/cm	46	+/- 8.00%
Density	ASTM D 1505	N/A	gm/cc	1.3955	+/- 1.00%
OTR Barrier	ASTM D 3985	24 hrs @ 73°F 0% RH	cc/100in ²	8.39	+/- 15%
MVTR Barrier	ASTM F 1249	24 hrs @ 100°F 90% RH	g/100in ²	2.58	+/- 15%



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