



## TYPICAL PROPERTIES OF 500M Matte Polypropylene

This satin finish material has high groove stability and initial tear resistance. It is ideal for surface embossing.

Properties		Test Method	Units	Typical Data
THICKNESS			MICRON	15
			GAUGE	59
YIELD			m <sup>2</sup> /kg	74.1
			in <sup>2</sup> /lbs	52,100
TENSILE STRENGTH	MD	ASTM D 882	kg/mm <sup>2</sup>	12
	TD		kg/mm <sup>2</sup>	29
ELONGATION AT BREAK	MD	ASTM D 882	%	190
	TD			60
HEAT SHRINKAGE	MD	ASTM D 1204	%	4.0
	TD			1.0
COEFFICIENT OF FRICTION (COF)		ASTM D 1894	Film / Film	0.30
HAZE		ASTM D 1003	%	78
GLOSS (45 <sup>0</sup> )		ASTM D 2457	%	5.0
SURFACE TENSION		ASTM D 2587	Dyne / cm	Gloss side 38 / Matt side 42
WATER VAPOR TRANSMISSION RATE		ASTM F 372	g/m <sup>2</sup> x 24 hrs. @ 38°C, 90% RH	6.5

*The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part.*

**FOR MORE INFORMATION CONTACT OUR SALES DEPARTMENT AT 800-848-6982**

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