



**TYPICAL PROPERTIES OF 700M  
Matte ACETATE**  
*EnviroSafe*

**Features**

*A biodegradable cast cellulose film with excellent clarity, scratch, age-brittleness and yellowing resistance. Excellent dimensional stability. A natural and sustainable resource made from wood pulp that provides a commitment to environmentally responsible behavior without compromising product performance, processibility or aesthetic appearance.*

Properties	Units	ASTM	Typical Values	
Thickness			28 micron	
Specific Gravity			1.31	
Equilibrium moisture content	% (23C and 50%RH)		1.8	
Surface Energy	dyne cm <sup>-1</sup>		38 – 42	
Transparency	%	D1476	20.4	
Gloss	%	D523, BS 2782 520A	20°	1.2
			60°	9.1
			85°	23
Haze	%	D1003, BS 2782 521A	70	
Tensile Strength	Nmm <sup>-2</sup>	D882	80 – 100	
Elongation at Break	%	D882	25 – 45	
E-Modulus	Nmm <sup>-2</sup>	D882	2800	
Tear Initiation	N	D1938	0.095	
Tear Propagation	N	D1938	0.071	
Burst Strength	psi	BS 4768	72.5	
Softening Temperature	C		137	
Glass Transition Temperature	C		120	

*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. All property values are developed according to ASTM.*