

## TECHNICAL DATA SHEET

### WET ACETATE HIGH SLIP GLOSS 14 MICRON

#### Product Description

Solvent Cast Cellulose Acetate - Wet lamination film with HIGH SLIP GLOSS finish - Biodegradable - Compostable

Typical Properties				
Property		Unit	Test Method	Value
Thickness		( µm )		14
Specific Gravity				1.32
Equilibrium moisture content		% (23c + 50% RH)		Circa 2%
Surface Energy	Outside	Dyne		32-36
Surface Energy	Inside	Dyne		34-38
Area Density		gm <sup>2</sup>		18.34
Yield		m <sup>2</sup> /kg .		54.53
Dynamic Coefficient Friction	Outside			0.15 -0.30
Dynamic Coefficient Friction	Inside			0.40 -0.65
Transparency		%	ASTM D1746	92.3
Gloss	20°	%	ASTM D523 BS2782 520A	132
	60°			146
	85°			118.0
Haze		%	ASTM D1003 BS 2782 521A	0.7
Tensile Strength	MD	Nmm <sup>-2</sup>	ASTM D882	80-110
Elongation at Break	MD	%	ASTM D882	25-45%
E-Modulus		Nmm <sup>-2</sup>	ASTM D883	2300-2800
Tear Initiation	MD	N	ASTM D1938	0.01
Tear Propagation	MD	N	ASTM D1938	0.006
Dimensional Stability	MD	%	20hrs 80°C 95% RH	2.15
Softening Temperature			0°C	≈130
Glass Transition Temperature			0°C	≈120
Chemical Resistance			ASTM D543 - 87	Low resistance to Ketones, Attacked by esters, moderate to concentrated strong acid and bases. Resistant to non-polar solvents
Food Contact Approved				Not Tested
Din certco certified				Not Tested
BPI certified				Not Tested
Vincotte OK Home Compost				Not Tested

**Disclaimer** - The above information is indicative only. The results shown are a general guide to the material properties which are subject to change and do not act as a guarantee.



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