

TECHNICAL DATA SHEET

WET ACETATE SILK 14 MICRON

Product Description

Solvent Cast Cellulose Acetate - Wet lamination film with **SATINE** finish - Biodegradable - Compostable

Typical Properties				
Property		Unit	Test Method	Value
Thickness		(μm)		14
Specific Gravity				1
Equilibrium moisture content		% (23c + 50% RH)		Circa 2%
Surface Energy		Dyne		38-42
Area Density		gm^2		32
Yield		m^2/kg .		54.11
Dynamic Coefficient Friction				0.4 -0.6
Transparency		%	ASTM D1746	53.4
Haze		%	ASTM D1003 BS 2782 521A	34
Refractive Index				1.485
Tensile Strength	MD	Nmm^{-2}	ASTM D882	80-100
Elongation at Break	MD	%	ASTM D882	25-50%
E-Modulus		Nmm^{-2}	ASTM D883	2000-2500
Tear Initiation	MD	N	ASTM D1938	0.01
Tear Propagation	MD	N	ASTM D1938	0.006
Linea Shrinkage	MD	%	115°C 10mins	1-1.5
Dimensional Stability	MD	%	20hrs 80°C 95% RH	2.15
Softening Temperature			0°C	≈140
Glass Transition Temperature			0°C	≈120
Surface Resistivity		Ωm^{-2}	50% RH	5.1×10^{-13}
Dielectric breakdown		kVmm^{-1}		15
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				Yes
Din certco certified			EN 13432	Yes
BPI certified			ASTM D6400	Yes
Vincotte OK Home Compost				Yes

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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