

TECHNICAL DATA SHEET

WET ACETATE GLOSS 20 MICRON

Product Description

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

Typical Properties				
Property		Unit	Test Method	Value
Thickness		(µm)		20
Specific Gravity				1.32
Equilibrium moisture content		% (23c + 50% RH)		Circa 2%
Surface Energy		Dyne		38-42
Area Density		gm ²		26
Yield		m ² /kg .		37.88
Dynamic Coefficient Friction				0.4 -0.6
Transparency		%	ASTM D1746	92.4
Gloss	20°	%	ASTM D523 BS2782 520A	133.2
	60°			144.3
	85°			121.0
Haze		%	ASTM D1003 BS 2782 521A	0.7
Refractive Index				1.485
Tensile Strength	MD	Nmm ⁻²	ASTM D882	80-100
Elongation at Break	MD	%	ASTM D882	25-45%
E-Modulus		Nmm ⁻²	ASTM D883	2000-2500
Tear Initiation	MD	N	ASTM D1938	0.035
Tear Propagation	MD	N	ASTM D1938	0.020
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 x 10 ⁻¹³
Dielectric breakdown		kVmm ⁻¹		15
Barrier M.V.T.R		25°c + 75% RH		>1279
Barrier M.V.T.R		38°c + 90% RH		>1890
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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