

# WINLAY®

[www.winlay.com](http://www.winlay.com)

**WET MOULDED**

		WHITE	BRIGHT WHITE	BLACK	BROWN PCW	BROWN BAMBOO	COLOUR
<b>WET MOULDING</b>	MOQ	10k (standard)	10k	10k	2.5t (approx. 50k)	2.5t (approx. 50k)	2.5t (approx. 50k)
	Composition	40% sugar cane; 60% virgin pulp	40% sugar cane; 30% virgin pulp; 30% printing paper	40% sugar cane; 60% virgin pulp; water based colour	20% sugar cane; 40% virgin pulp; 40% pcw from paper box	20% sugar cane; 60% virgin pulp; 20% bamboo	40% sugar cane; 60% virgin pulp; water based colour
	Thickness (incl. tolerances)	0.75mm ±0.2mm / 0.65mm ±0.2mm 1.0mm ±0.2mm / 0.85mm ±0.2mm					
	Cutting tolerances	±0.4mm (metal stamping tool) ±0.6mm (die-cutting tool)					
	3D CAD thickness	1mm (CAD design) → 0.8mm finished product					
	Price (relative)	100%	115%	200-225%	110-130%	110-130%	220-250%
	Output	800 cycles per day	800 cycles per day	600 cycles per day	700 cycles per day	700 cycles per day	600 cycles per day
	Energy consumption (relative)	100%					

	ADVANTAGE	DISADVANTAGE
<b>WET MOULDING</b>	High surface quality; small draft angle Odor free; food grade certification (indirect food contact)	Low heating efficiency; low productivity High moulding cost per set
<b>DRY MOULDING</b>	High heating efficiency; high productivity Low tooling and production cost; 160mm depth	Lower surface quality; big draft angles; odor possible Not food grade certifiable

<b>DIMENSION OF PRODUCTION TOOL</b>	760 x 560 mm
<b>MAX. DEPTH</b>	90mm
<b>DRAFT ANGLES</b>	1° with special production tool (wet moulded; white only) 3°
<b>DECORATION BY / DRUCKVEREDELUNG / IMPRESSION</b>	Blind and foil stamping, silkscreen printing, pad printing, UV spot printing, digital UV printing
<b>LEAD TIME / DURCHLAUFZEIT / TEMPS DE PASSAGE</b>	Usually 6-9 month for total process 5-7 weeks prototyping process 3 weeks tooling process; X weeks for production (i.e. amount) 6-8 weeks transport








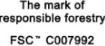



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<b>APPLICATIONS / ANWENDUNGEN / APPLICATIONS</b>	 Premium Packaging
<b>SURFACE</b>	Uncoated Paper / Unbeschichtetes Papier / Papier non couché Customised shapes / Individuelle Formen / Formes personnalisées Customised embossings / Individuelle Prägungen / Gaufrage personnalisées
<b>COMPOSITION</b>	60% virgin fibres, 40% sugar cane waste, water based colour 60% Frischfasern, 40% Bagasse, wasserbasierte Farbe 60% fibres vierges, 40% bagasse, couleur à base d'eau
<b>DECORATION BY / DRUCKVEREDELUNG / IMPRESSION</b>	Blind and foil stamping, silkscreen printing, pad printing, UV spot printing, digital UV printing Blind- und Folienprägung, Siebdruck, Tampondruck, UV-Spotdruck, digitaler UV-Druck Marquage à chaud, sérigraphie, tampographie, impression UV par spot, impression numérique UV
<b>TESTS</b>	Tensile strength ISO 13934-1: 360 N Elongation ISO 13934-1: 1.8% Tearing resistance ISO 13937-2: 6000mN Folding endurance ISO 5626: 30
<b>MIN. ORDER QUANTITY</b>	10'000pcs. (black and white) 2.5t or approx. 50'000pcs. (colours)
<b>PRODUCTION OUTPUT / PRODUKTIONSOUTPUT / RENDEMENT DE PRODUCTION</b>	600 - 800 press cycles per day / production tool 600 - 800 Presszyklen pro Tag / Werkzeug 600 - 800 cycles de presse par jour / Moule de production
<b>MAX. SIZE / MAX. GRÖSSE / TAILLE MAX.</b>	560 x 760mm
<b>MAX. DEPTH OF INLAY / MAX. TIEFE / MAX. PROFONDEUR DE LA COUCHE</b>	90mm
<b>MIN. DRAFT ANGLE / MIN. ENTFORMUNGS-SCHRÄGE / ANGLE MIN. DE DÉPOUILLE</b>	3°
<b>FOOD GRADE CERTIFICATION</b>	Food grade certifiable by SGS
<b>NET WEIGHT / GEWICHT / POIDS</b>	 ~ 520-680 g/m <sup>2</sup>
<b>THICKNESS / DICKE / EPAISSEUR</b>	 ~ 0.65 – 1.0 mm ±0.2mm
<b>TYPE OF PACKAGING / ART DER VERPACKUNG / TYPE D'EMBALLAGE</b>	Boxes / Kartons / Cartons
<b>SIZES OF PACKAGING / DIMENSIONEN / FORMAT DE L'EMBALLAGE</b>	Variable / Variabel / Divers
<b>CUSTOMS DECLARATION / WARENDEKLARATION / DESCRIPTION DOUANIÈRE</b>	Moulded or pressed articles of paper pulp Aus Papierhalbstoff gegossene oder gepresste Waren Articles moulés ou pressés en pâte à papier
<b>PRODUCTION CERTIFICATIONS</b>	FSC; RoHS; REACH ISO 9001:2015 ISO 14001:2015 OHSAS18001:2007
<b>TARIFF NUMBER / TARIFNUMMER / NO. TARIFAIRE</b>	4823.7000 (Switzerland) 48237000000 (European Community)
<b>ENVIRONMENTAL DATA / UMWELTDATEN / DONNEES ENVIRONNEMENTALES</b>	     

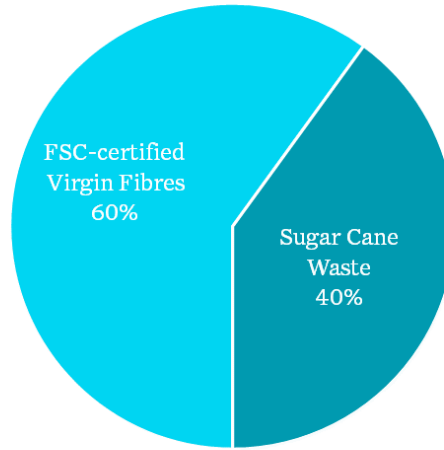


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### ENVIRONMENTAL DATASHEET

#### PRODUCT COMPOSITION



#### FSC™

WINLAY® WET MOULDED is FSC™ certified. The mission of the Forest Stewardship Council is to promote and enhance well-managed forests through credible certification that is environmentally responsible, socially acceptable, and economically viable.



The mark of responsible forestry

#### RECYCLABLE

WINLAY® WET MOULDED is fully recyclable. This means 100% of this product can be recycled by all standard recycling processes.



#### 100% PLASTIC-FREE & BIODEGRADABLE

WINLAY® WET MOULDED is 100% plastic-free and biodegradable.



#### POST-INDUSTRIAL WASTE

WINLAY® WET MOULDED contains 40% of post-industrial sugar cane waste. This post-industrial waste (PIW) derives directly from the sugar industry. Instead of going to disposal, the resource is recycled. The good, clean quality and availability of large amounts of sugar cane waste makes it excellent for reuse and helps saving resources.



**REACH**

WINLAY® WET MOULDED does not contain any of the substances currently listed as SVHC's (Substances of Very High Concern) under REACH. Registration, Evaluation, Authorisation and Restriction of Chemicals is a European Union regulation dating from 18 December 2006. REACH addresses the production and use of chemical substances, and their potential impacts on both human health and the environment.



**VEGAN**

Based on suppliers information provided, WINLAY® WET MOULDED is vegan. This material does not contain any animal products or animal-derivatives.



**UN GLOBAL COMPACT**

WINTER & COMPANY confirms that the supply chain of WINLAY® WET MOULDED is committed to the business practices of UN Global Compact. The UN Global Compact is the world's largest corporate sustainability (a.k.a. corporate social responsibility) initiative with 13000 corporate participants and other stakeholders over 170 countries with two objectives: "Mainstream the ten principles in business activities around the world" and "Catalyse actions in support of broader UN goals, such as the Millenium Development Goals (MDGs) and Sustainable Development Goals (SDG's).



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