








DATASHEET

	WHITE	BRIGHT WHITE	BLACK	BROWN PCW	BROWN BAMBOO	COLOUR
MOQ	10k	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%	90-110%	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

	ADVANTAGE	DISADVANTAGE
WETMOULDING	High surface quality; small draft angle Odor free; food grade certification (indirect food contact)	Low heating efficiency; low productivity High moulding cost per set

DIMENSION OF PRODUCTION TOOL	760 × 560 mm
MAX. DEPTH	115 mm
DRAFT ANGLES	1° with special production tool (wet moulded; white only) 3°
DECORATION BY	Blind and foil stamping, silkscreen printing, pad printing, UV spot printing, digital UV printing
LEAD TIME	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

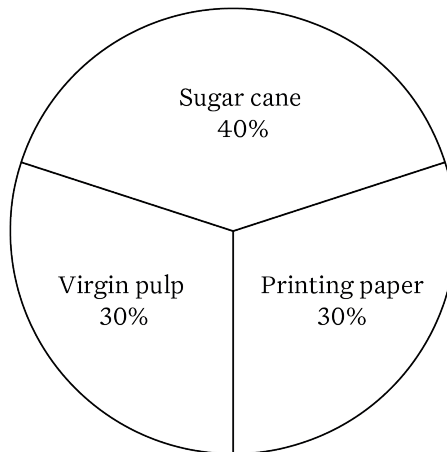
TECHNICAL DATASHEET

APPLICATIONS	 PREMIUM PACKAGING
SURFACE	Uncoated Paper, Customised shapes, Customised embossings
COMPOSITION	40% sugar cane, 30% virgin pulp, 30% printing paper
DECORATION BY	Blind and foil stamping, silkscreen printing, pad printing, UV spot printing, digital UV printing
TESTS	Tensile strength ISO 13934-1: 360 N Elongation ISO 13934-1: 1.8% Tearing resistance ISO 13937-2: 6000mN Folding endurance ISO 5626: 30
MIN. ORDER QUANTITY	10'000pcs.
PRODUCTION OUTPUT	600-800 press cycles per day / production tool
MAX. SIZE	560 × 760 mm
MAX. DEPTH OF INLAY	115 mm
MIN. DRAFT ANGLE	3°
FOOD GRADE CERTIFICATION	Food grade certifiable by SGS
NET WEIGHT	~520-680 g/m ²
THICKNESS	~0.65-1.0 mm ±0.2mm
TYPE OF PACKAGING	Boxes
SIZES OF PACKAGING	Variable
CUSTOMS DECLARATION	Moulded or pressed articles of paper pulp
PRODUCTION CERTIFICATIONS	FSC; RoHS; REACH ISO 9001:2015 ISO 14001:2015 OHSAS18001:2007
TARIFF NUMBER	4823.7000 (Switzerland) / 48237000 (EU)
ENVIRONMENTAL DATA	     



ENVIRONMENTAL DATASHEET

PRODUCT COMPOSITION



WINLAY® CYCLE

Winlay® is a sustainable, plastic-free moulded pulp (i.e. thermoformed pulp) packaging solution. It is made entirely from re-growing natural resources as well as valuable recycled fibres. Winlay® contains a high percentage of recycled fibres, is fully recyclable with the paper recycling stream and thus contributes to a circular economy.

Our in-house industrial designers ensure that your custom packaging meets your requirements. Whether you need a moulded fibre inlay or a beautiful thermoformed pulp packaging that highlights your product in a sustainable manner, we've got you covered. Our approach aims to minimise the consumption of precious raw materials while creating visually appealing solutions that make your product stand out.

