


Qingdao Tongli Packaging Products Co., Ltd

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PRODUCT DESCRIPTION

PRODUCT PHOTO	ITEMS	DETAILS
	PRODUCT-ID	TL-22041
	PRODUCT NAME	Home compostable box bottom coffee bag Metallized Paper69g-Cellulose20-PLA+PBAT60
	TYPE	Flat Bottom
	APPLICATION	CoffeeBeans
	VOLUME	12oz
	DIMENSION	W150 X H350+ BG90mm
	FOIL STRUCTURE	MetallizedPaper69g/Cellulose20///PLA+PBAT60
	THICKNESS	150 microns
	CUSTOM	# Custom print # Inner Zipper # Desgassing Valve:# Matte Lacquer:# Rounded Corners
VIDEO	https://youtu.be/upg7JLRPr30	

EXPLANATION ON FOIL STRUCTURE

MetallizedPaper69g: Coated paper with an aluminum metallized layer, working as barrier layer in biodegradable packages
 Cellulose20: Cellophane film, that is made of plant fiber, that can be fully biodegradable in nature conditions
 PLA+PBAT: Blown PLA+PBAT film that can be intended for inner sealing layer, that is fully biodegradable and compostable

There will be print inks and adhesive bonding layers which ranges from 2 to 3 gsm with thickness about 2 microns, so the final actual thickness of this foil laminate should be decided upon these factors.

HUMAN FOOD GRADE

All the film materials, ink and adhesive used in our products are human food grade subject to SGS test.

Read here for more <http://www.valuepackaging.cn/human-food-grade/>

SOME TEST FOR REFERENCE

Serial	TEST	EXPLAIN	POST LINK
#1			
#2			
#3			
#4			
#5			

TECHNICAL DATA SHEET

NO.	ITEM	STANDARDS	UNIT	TYPICAL VALUE	VIDEO LINK	
#1	Dimension Tolerance	Height	INTERNAL	%	±1%	
		Width	INTERNAL	%	±1%	
		Gusset	INTERNAL	%	±5%	
		Seal Width	INTERNAL	%	±5%	
		Thickness	INTERNAL	%		
#2	Print Appearance	INTERNAL				
#3	Yield		grams/m2	165		
#4	Tensile Strength	MD	ASTM-D-882	Mpa	45~50	https://www.youtube.com/watch?v=pwg0oDVOzV8
		TD	ASTM-D-882	Mpa	38~45	https://www.youtube.com/watch?v=RoS417VrxKQ
#5	Elongation	MD	ASTM-D638	% @23°C	3.0~4.0	https://www.youtube.com/watch?v=pwg0oDVOzV8
		TD		% @23°C	5.0~8.5	https://www.youtube.com/watch?v=RoS417VrxKQ
#6	COF	Static		@23°C	0.252999991	https://www.youtube.com/watch?v=MHculzIDLxg
		Dynamic		@23°C	0.27700001	https://www.youtube.com/watch?v=MHculzIDLxg
#7	Solvents Left	ASTM F1884	mg/m2		https://www.youtube.com/watch?v=Mm9gYg1IR88	
#8	Sealing Strength	ASTM F1884	N/15mm	45~50	https://www.youtube.com/watch?v=Xr71YmOK0FE	
#9	Sealing Conditions	155~160Celsius for 1.0~1.5S Seconds			https://www.youtube.com/watch?v=0H2BVLcGOpw	
#10	Bond Strength	ASTM F 904	N/15mm	3~4		
#11	Burst Impact Strength	ASTM D1709	J		https://www.youtube.com/watch?v=0zzqw31UTao	
#12	Anti-Puncture Ability	Q/3700SDXS	N			
#13	Drop Test Ability	Q/3700SDXS	cm		https://www.youtube.com/watch?v=UthXwDMM9Hk	
#14	Anti-pressure Ability	Q/3700SDXS	kg			
#15	Water Vapor Transimission Rate	ASTM E 96	g/m2/24hr	17.3	https://www.youtube.com/watch?v=81jcwDKiQ44	
#16	Oxygen Transmission Rate	ASTM D 372-99	cc/m2/24hr	1.12	https://www.youtube.com/watch?v=81jcwDKiQ44	

This technical data sheet is intended to describe the products we are able to provide for our customers, and actual parameters should be subject to the final test report provided by the manufacturer. If you have any questions regarding the test items, just reach us for further assistance.

China Manufacturer:

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Take Around Our Factory

<https://www.youtube.com/watch?v=Dxo85MAEctw>