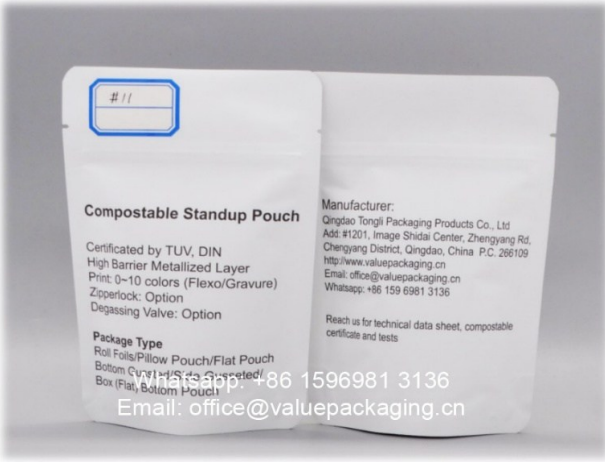


Qingdao Tongli Packaging Products Co., Ltd

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PRODUCT DESCRIPTION

PRODUCT PHOTO		ITEMS	DETAILS
		PRODUCT-ID	TL-21926
		PRODUCT NAME	Compostable zipper pouch MP69g-PT30-PLA+PBAT50
		TYPE	Bottom Gusset
		APPLICATION	Compostable
		VOLUME	20g
		DIMENSION	W120 X H180+ BG60mm
		FOIL STRUCTURE	MetallizedPaper69g/Cellulose30///PLA+PBAT40
		THICKNESS	140 microns
		CUSTOM	# Custom print # Inner Zipper # Rounded Corners
		VIDEO	https://www.youtube.com/watch?v=dATzHGOL3vc
EXPLANATION ON FOIL STRUCTURE			
MetallizedPaper69g: Coated paper with an aluminum metallized layer, working as barrier layer in biodegradable packages Cellulose30: 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 GOOD 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℃	3.0~4.0	https://www.youtube.com/watch?v=pwg0oDVOzV8
		TD		% @23℃	5.0~8.5	https://www.youtube.com/watch?v=RoS417VrxKQ
6	COF	Outer		@23℃	0.252999991	https://www.youtube.com/watch?v=MHculzIDLxg
		Inner		@23℃	0.27700001	https://www.youtube.com/watch?v=MHculzIDLxg
7	Solvents Left		ASTM F1884	mg/m2	2	https://www.youtube.com/watch?v=Mm9gYg1IR88
8	Sealing Strength		ASTM F1884	mg/m2	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	Impact Strength				1.0~1.5	https://www.youtube.com/watch?v=0zzqw31UTao
12	Pressure Resistance		Q/3700SDXS	kg	80	
13	Drop Test Ability		Q/3700SDXS	cm	160	https://www.youtube.com/watch?v=UthXwDMM9Hk
14	Water Vapor Transimission Rate		ASTM E 96	g/m2/24hr	17.3	https://www.youtube.com/watch?v=81jcwDKiQ44
15	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.

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Take Around Our Factory

<https://www.youtube.com/watch?v=Dxo85MAECtw>