

PRODUCT DESCRIPTION

PRODUCT PHOTO		ITEMS	DETAILS
		PRODUCT-ID	TL-22187
		PRODUCT NAME	Compostable brown kraft paper doypack for 200 grams coffee
		TYPE	Bottom Gusset
		APPLICATION	Coffee
		VOLUME	200g
		DIMENSION	W150 X H240+ BG80mm
		FOIL STRUCTURE	Brown Kraft70g/MPT20///PLA+PBAT50
		THICKNESS	160 microns
		CUSTOM	# Custom print # Inner Zipper # Rounded Corners
		VIDEO	https://www.youtube.com/watch?v=dATzHGOL3vc
EXPLANATION ON FOIL STRUCTURE			
Brown Kraft70g: Brown kraft paper 70 gsm MPT20: Metallized Cellulose 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 https://www.valuepackaging.cn/human-food-safety/			
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	163	
#4	Tensile Strength	MD	ASTM-D-882	Mpa	50~60	https://www.youtube.com/watch?v=mgQ_ivqAR8w
		TD	ASTM-D-882	Mpa	35~40	https://www.youtube.com/watch?v=4vlcQ6AJxw8
#5	Elongation	MD	ASTM-D638	% @23℃	3.2~4.0	https://www.youtube.com/watch?v=mgQ_ivqAR8w
		TD		% @23℃	6.0~8.0	https://www.youtube.com/watch?v=4vlcQ6AJxw8
#6	COF	Static		@23℃	0.29	https://www.youtube.com/watch?v=MHculzIDLxg
		Dynamic		@23℃	0.28	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=nQNwScJMw0I
#9	Sealing Conditions		145~150Celsius for 1.0~1.5S Seconds			https://www.youtube.com/watch?v=yy14wdzi-SQ
#10	Bond Strength		ASTM F 904	N/15mm	3~4	
#11	Brust Impact Strength		ASTM D1709	J		https://www.youtube.com/watch?v=eGFWhWqaLZs
#12	Anti-Puncture Ability		Q/3700SDXS	N	6~8	
#13	Drop Test Ability		Q/3700SDXS	cm		
#14	Anti-pressure Ability		Q/3700SDXS	kg		
#15	Water Vapor Transimission Rate		ASTM E 96	g/m2/24hr	25	https://www.youtube.com/watch?v=81jcwDKiQ44
#16	Oxygen Transmission Rate		ASTM D 3985	cc/m2/24hr	.22	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 specifications and 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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