



PRODUCT SPECIFICATION SHEET

50ml Frosted Spout Pouch

Type: Stand Up Pouch with Center Spout

Material: PE/BIO PE/PE

Spout Size: 10mm

Dimensions: 80x115x50 mm

Thickness: 140mu

SUSTAINABILITY



Recycle code 4

Recycle kerbside where applicable

Alternatively recyclable at most (if not all) stores

TEST ITEM		TEST STANTDARD	TEST RESULT	CONCLUSION
Appearance:				
1	Width, mm	±2	80	Pass
2	Length, mm	±2	115	Pass
3	Gusset, mm	±2	50	Pass
4	Thickness, μ	±5%	140	Pass
5	Side seal, mm	±2	7	Pass
6	Tear notch to bag top, mm	±0.01	/	Pass
7	Zipper center to bag top, mm	±1	/	Pass
8	Spout Size	±0.05	8.6	Pass
9	Scratches, burns, bubbles, holes, etc.	Prohibited	Comforms	Pass
10	Odour	No Strong Odour	Comforms	Pass
11	Wrinkle	Obvious and continuous wrinkles are not acceptable	Comforms	Pass
12	Printing	Proper color registration in conformity with artwork	Comforms	Pass
13	Weight,g/m2	PE	55	Pass
		BIO PE	75	

Technical Properties:				
1	Tensile Strength, N	TD \geq 40	91	Pass
		MD \geq 40	92	Pass
2	Elongation, %	TD \geq 35	54	Pass
		MD \geq 35	55	Pass
3	Peel Strength Between Layers, N	\geq 2.5	18	Pass
4	Heat Sealing Strength, N	Side Sealing \geq 15	19.5	Pass
		Bottom Sealing \geq 15	20	Pass
5	Pendulum Impact Resistance, J	\geq 0.8	3	Pass
6	Pressure Test, kg	\geq 20	22	Pass
7	Drop Test (height: 1m)	No leaks or breaks	No Leaks	Pass
8	Residual of Solvents, mg/m ³	\leq 5	0.02	Pass
9	Benzene	Prohibited	None	Pass
10	WVTR, g/(m ² *24h)	\leq 5	1	Pass
11	OTR, cm ³ /(m ² *24h*0.1MPa)	\leq 5	0.5	Pass
12	Chemical testing	REACH regulation EG-Nr. 1907/2006	Conforms	Pass
	Food material contact test	EU-regulation EU-Nr. 10/2011 incl. EG-Nr. 1935/2004	Conforms	Pass
Packing:				
1	Packaging Style	Bags neatly packed inside the cartons	Conforms	Pass
		Bundle Straps (rubber bands)	Conforms	Pass
2	Carton	Follow the specified dimensions, thickness, sealing style	Conforms	Pass
		Intact	Conforms	Pass
3	Shipping Mark	Correct Description	Conforms	Pass
		Positioned of Labels (on the upper right corner)	Conforms	Pass
		Smooth	Conforms	Pass

These pouches are manufactured under conditions following the regulations of the highest food safety standards ISO 9001 and BRCGS. The material is MOSH & MOAH free. It is not suitable for packing product containing essential oil, for using in the freezer, microwave and oven, nor for sterilisation, pasteurisation, and vacuuming. Overfilling or overloading the pouch as well as packing sharp-edged or spiky-shaped products may damage the bag.

Bio-based plastic reduces additional CO₂ emissions compared to conventional plastic made from petroleum. The reason for this is that millions of years of CO₂ is bound in this petroleum. In contrast, ethanol from sugarcane is used to produce bio-based plastic. Plants need CO₂ for their growth, which they absorb from the atmosphere.