

Item number MO6409-23

Item description Push button ball pen in RPET. Blue ink.

material	oontont			
Part	Component description	Position	Material	Weight Percentage
1	Barrel,grip	External	Recycled Polyethylene Terephthalate (RPET)	49,00%
2	Cap,ring,tip	External	Acrylonitrile 1,3-Butadiene Styrene (ABS)	6,00%
3	Clip	External	Iron	5,00%
4	Spring	Inside	Iron	5,00%
5	Ink	Inside	See Part II	0,50%
6	Thrust device	Inside	Acrylonitrile 1,3-Butadiene Styrene (ABS)	2,00%
7	Thrust tube	Inside	Polypropylene (PP)	26,00%
8	Ink chamber	Inside	Polypropylene (PP)	8,50%
9	Ballpoint tip	External	Copper	1,00%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-Phenoxyethanol	Ink	2-Phenoxyethanol	25-50%
2	2-methylpentane-2, 4-diol	Ink	2-methylpentane-2, 4-diol	2.5-10%
3	Benzyl alcohol	Ink	Benzyl alcohol	2.5-10%
4	C.I. Solvent Violet 8	Ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid mono-bis-(2-ethylhexyl)- ester	Ink	Phosphoric acid, 2-ethylhexyl ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased	
Non-biodegradable	PA, PE, <u>PP</u> , PET, <u>RPET</u> , PS, PVC, <u>ABS</u> , VI, Silicone, POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Polyester	PLA/ABS, Wheat Straw/PP, Wheat Straw/ABS, Bamboo/PP, Coffee Husk/PP, Coffee Husk/ABS, Polyester/Latex	Glass, Basalt Stone, Ceramic, Chalk	
Biodegradable PBAT		PLA/BPAT	Bamboo, Wheat Straw, PLA, Paper, Paper Straw, PLA/Wheat Straw, PLA/Bamboo, Cork, Cotton, Cocos Oil, Rubber, Hemp, Jute, Wood, Marble Cocos Oil, Rubber, Hemp, Jute, Wood, Marble	

Renewable source

Recycled material	Natural material	Reused waste material
⊠Yes □No	□Yes ⊠No	□Yes ⊠No

End of life suggestion



Trademarks of material

Fulfilled technical standard

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Packaging and Transport

Piece	Inner Carton	Carton	mo box	Polybag	Packaging
1	50	1000	-	-	Each pen bulk pack.

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Item number MO6409-24

Item description Push button ball pen in RPET. Blue ink.

material	oomont			
Part	Component description	Position	Material	Weight Percentage
1	Barrel,grip	External	Recycled Polyethylene Terephthalate (RPET)	49,00%
2	Cap,ring,tip	External	Acrylonitrile 1,3-Butadiene Styrene (ABS)	6,00%
3	Clip	External	Iron	5,00%
4	Spring	Inside	Iron	5,00%
5	Ink	Inside	See Part II	0,50%
6	Thrust device	Inside	Acrylonitrile 1,3-Butadiene Styrene (ABS)	2,00%
7	Thrust tube	Inside	Polypropylene (PP)	26,00%
8	Ink chamber	Inside	Polypropylene (PP)	8,50%
9	Ballpoint tip	External	Copper	1,00%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-Phenoxyethanol	Ink	2-Phenoxyethanol	25-50%
2	2-methylpentane-2, 4-diol	Ink	2-methylpentane-2, 4-diol	2.5-10%
3	Benzyl alcohol	Ink	Benzyl alcohol	2.5-10%
4	C.I. Solvent Violet 8	Ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid mono-bis-(2-ethylhexyl)- ester	Ink	Phosphoric acid, 2-ethylhexyl ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased	
Non-biodegradable	PA, PE, <u>PP</u> , PET, <u>RPET</u> , PS, PVC, <u>ABS</u> , VI, Silicone, POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Polyester	PLA/ABS, Wheat Straw/PP, Wheat Straw/ABS, Bamboo/PP, Coffee Husk/PP, Coffee Husk/ABS, Polyester/Latex	Glass, Basalt Stone, Ceramic, Chalk	
Biodegradable PBAT		PLA/BPAT	Bamboo, Wheat Straw, PLA, Paper, Paper Straw, PLA/Wheat Straw, PLA/Bamboo, Cork, Cotton, Cocos Oil, Rubber, Hemp, Jute, Wood, Marble Cocos Oil, Rubber, Hemp, Jute, Wood, Marble	

Renewable source

Recycled material	Natural material	Reused waste material
⊠Yes □No	□Yes ⊠No	□Yes ⊠No

End of life suggestion



Trademarks of material

Fulfilled technical standard

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Packaging and Transport

Piece	Inner Carton	Carton	mo box	Polybag	Packaging
1	50	1000	-	-	Each pen bulk pack.

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Item number MO6409-25

Item description Push button ball pen in RPET. Blue ink.

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Part	Component description	Position	Material	Weight Percentage
1	Barrel,grip	External	Recycled Polyethylene Terephthalate (RPET)	49,00%
2	Cap,ring,tip	External	Acrylonitrile 1,3-Butadiene Styrene (ABS)	6,00%
3	Clip	External	Iron	5,00%
4	Spring	Inside	Iron	5,00%
5	Ink	Inside	See Part II	0,50%
6	Thrust device	Inside	Acrylonitrile 1,3-Butadiene Styrene (ABS)	2,00%
7	Thrust tube	Inside	Polypropylene (PP)	26,00%
8	Ink chamber	Inside	Polypropylene (PP)	8,50%
9	Ballpoint tip	External	Copper	1,00%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-Phenoxyethanol	Ink	2-Phenoxyethanol	25-50%
2	2-methylpentane-2, 4-diol	Ink	2-methylpentane-2, 4-diol	2.5-10%
3	Benzyl alcohol	Ink	Benzyl alcohol	2.5-10%
4	C.I. Solvent Violet 8	Ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid mono-bis-(2-ethylhexyl)- ester	Ink	Phosphoric acid, 2-ethylhexyl ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable	PA, PE, <u>PP</u> , PET, <u>RPET</u> , PS, PVC, <u>ABS</u> , VI, Silicone, POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Polyester	PLA/ABS, Wheat Straw/PP, Wheat Straw/ABS, Bamboo/PP, Coffee Husk/PP, Coffee Husk/ABS, Polyester/Latex	Glass, Basalt Stone, Ceramic, Chalk
Biodegradable (industrial)		PLA/BPAT	Bamboo, Wheat Straw, PLA, Paper, Paper Straw, PLA/Wheat Straw, PLA/Bamboo, Cork, Cotton, Cocos Oil, Rubber, Hemp, Jute, Wood, Marble Cocos Oil, Rubber, Hemp, Jute, Wood, Marble
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Renewable source

Recycled material	Natural material	Reused waste material
⊠Yes □No	□Yes ⊠No	□Yes ⊠No

End of life suggestion



Trademarks of material

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Packaging and Transport

Piece	Inner Carton	Carton	mo box	Polybag	Packaging
1	50	1000	-	-	Each pen bulk pack.

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Item number MO6409-26

Item description Push button ball pen in RPET. Blue ink.

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Part	Component description	Position	Material	Weight Percentage
1	Barrel,grip	External	Recycled Polyethylene Terephthalate (RPET)	49,00%
2	Cap,ring,tip	External	Acrylonitrile 1,3-Butadiene Styrene (ABS)	6,00%
3	Clip	External	Iron	5,00%
4	Spring	Inside	Iron	5,00%
5	Ink	Inside	See Part II	0,50%
6	Thrust device	Inside	Acrylonitrile 1,3-Butadiene Styrene (ABS)	2,00%
7	Thrust tube	Inside	Polypropylene (PP)	26,00%
8	Ink chamber	Inside	Polypropylene (PP)	8,50%
9	Ballpoint tip	External	Copper	1,00%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-Phenoxyethanol	Ink	2-Phenoxyethanol	25-50%
2	2-methylpentane-2, 4-diol	Ink	2-methylpentane-2, 4-diol	2.5-10%
3	Benzyl alcohol	Ink	Benzyl alcohol	2.5-10%
4	C.I. Solvent Violet 8	Ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid mono-bis-(2-ethylhexyl)- ester	Ink	Phosphoric acid, 2-ethylhexyl ester	2.5-10%
			Total	100,00%



Non-biodegradable ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Polyester Husk/PP, Coffee Husk/ABS, Polyester/Latex Chalk Biodegradable (industrial) PBAT PLA/BPAT Bamboo, Wheat Strav Paper, Paper Strav PLA/Bamboo, Cork, Cocos Oil, Rubber, Husk/PP, Coffee Husk/ABS, Playester/Latex		Biobased	Partly Biobased	laterial information Petrochemical	
Biodegradable PBAT PLA/BPAT PLA/BPAT PLA/Bamboo, Cork, Cocos Oil, Rubber, H	Ceramic,	Glass, Basalt Stone, Cer Chalk	traw/ABS, Bamboo/PP, Coffee Husk/PP, Coffee Husk/ABS,	Non-biodegradable PVC, <u>ABS</u> , VI, Silicone, POM, ACR, PU, PC, PVC, TPE, LDPE,	
	aw, w, Cotton, Hemp, pcos Oil,	Bamboo, Wheat Straw, I Paper, Paper Straw, PLA/Wheat Straw, PLA/Bamboo, Cork, Cot Cocos Oil, Rubber, Her Jute, Wood, Marble Coco Rubber, Hemp, Jute, Wo Marble	PLA/BPAT	PBAT	0

Renewable source

Recycled material	Natural material	Reused waste material
⊠Yes □No	□Yes ⊠No	□Yes ⊠No

End of life suggestion



Trademarks of material

Fulfilled technical standard

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Packaging and Transport

- 2						
	Piece	Inner Carton	Carton	mo box	Polybag	Packaging
	1	50	1000	-	-	-

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Item number MO6409-27

Item description Push button ball pen in RPET. Blue ink.

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Part	Component description	Position	Material	Weight Percentage
1	Barrel,grip	External	Recycled Polyethylene Terephthalate (RPET)	49,00%
2	Cap,ring,tip	External	Acrylonitrile 1,3-Butadiene Styrene (ABS)	6,00%
3	Clip	External	Iron	5,00%
4	Spring	Inside	Iron	5,00%
5	Ink	Inside	See Part II	0,50%
6	Thrust device	Inside	Acrylonitrile 1,3-Butadiene Styrene (ABS)	2,00%
7	Thrust tube	Inside	Polypropylene (PP)	26,00%
8	Ink chamber	Inside	Polypropylene (PP)	8,50%
9	Ballpoint tip	External	Copper	1,00%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-Phenoxyethanol	Ink	2-Phenoxyethanol	25-50%
2	2-methylpentane-2, 4-diol	Ink	2-methylpentane-2, 4-diol	2.5-10%
3	Benzyl alcohol	Ink	Benzyl alcohol	2.5-10%
4	C.I. Solvent Violet 8	Ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid mono-bis-(2-ethylhexyl)- ester	Ink	Phosphoric acid, 2-ethylhexyl ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable PA, PE, <u>PP</u> , PET, <u>RPET</u> , PS, PVC, <u>ABS</u> , VI, Silicone, POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Polyester		PLA/ABS, Wheat Straw/PP, Wheat Straw/ABS, Bamboo/PP, Coffee Husk/PP, Coffee Husk/ABS, Polyester/Latex	Glass, Basalt Stone, Ceramic, Chalk
Biodegradable (industrial)	PBAT	PLA/BPAT	Bamboo, Wheat Straw, PLA, Paper, Paper Straw, PLA/Wheat Straw, PLA/Bamboo, Cork, Cotton, Cocos Oil, Rubber, Hemp, Jute, Wood, Marble Cocos Oil, Rubber, Hemp, Jute, Wood, Marble

Renewable source

Recycled material	Natural material	Reused waste material
⊠Yes □No	□Yes ⊠No	□Yes ⊠No

End of life suggestion



Trademarks of material

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Packaging and Transport

Piece	Inner Carton	Carton	mo box	Polybag	Packaging	
1	50	1000	-	-	Each pen bulk pack.	

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Item number MO6409-29

Item description Push button ball pen in RPET. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Barrel,grip	External	Recycled Polyethylene Terephthalate (RPET)	49,00%
2	Cap,ring,tip	External	Acrylonitrile 1,3-Butadiene Styrene (ABS)	6,00%
3	Clip	External	Iron	5,00%
4	Spring	Inside	Iron	5,00%
5	Ink	Inside	See Part II	0,50%
6	Thrust device	Inside	Acrylonitrile 1,3-Butadiene Styrene (ABS)	2,00%
7	Thrust tube	Inside	Polypropylene (PP)	26,00%
8	Ink chamber	Inside	Polypropylene (PP)	8,50%
9	Ballpoint tip	External	Copper	1,00%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-Phenoxyethanol	Ink	2-Phenoxyethanol	25-50%
2	2-methylpentane-2, 4-diol	Ink	2-methylpentane-2, 4-diol	2.5-10%
3	Benzyl alcohol	Ink	Benzyl alcohol	2.5-10%
4	C.I. Solvent Violet 8	Ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid mono-bis-(2-ethylhexyl)- ester	Ink	Phosphoric acid, 2-ethylhexyl ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable	PA, PE, <u>PP</u> , PET, <u>RPET</u> , PS, PVC, <u>ABS</u> , VI, Silicone, POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Polyester	PLA/ABS, Wheat Straw/PP, Wheat Straw/ABS, Bamboo/PP, Coffee Husk/PP, Coffee Husk/ABS, Polyester/Latex	Glass, Basalt Stone, Ceramic, Chalk
Biodegradable (industrial)	PBAT	PLA/BPAT	Bamboo, Wheat Straw, PLA, Paper, Paper Straw, PLA/Wheat Straw, PLA/Bamboo, Cork, Cotton, Cocos Oil, Rubber, Hemp, Jute, Wood, Marble Cocos Oil, Rubber, Hemp, Jute, Wood, Marble

Renewable source

Recycled material	Natural material	Reused waste material
⊠Yes □No	□Yes ⊠No	□Yes ⊠No

End of life suggestion



Trademarks of material

Fulfilled technical standard

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Packaging and Transport

Piece	Inner Carton	Carton	mo box	Polybag	Packaging	
1	50	1000	-	-	Each pen bulk pack.	

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Item number MO6409-52

Item description Push button ball pen in RPET. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Barrel,grip	External	Recycled Polyethylene Terephthalate (RPET)	49,00%
2	Cap,ring,tip	External	Acrylonitrile 1,3-Butadiene Styrene (ABS)	6,00%
3	Clip	External	Iron	5,00%
4	Spring	Inside	Iron	5,00%
5	Ink	Inside	See Part II	0,50%
6	Thrust device	Inside	Acrylonitrile 1,3-Butadiene Styrene (ABS)	2,00%
7	Thrust tube	Inside	Polypropylene (PP)	26,00%
8	Ink chamber	Inside	Polypropylene (PP)	8,50%
9	Ballpoint tip	External	Copper	1,00%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-Phenoxyethanol	Ink	2-Phenoxyethanol	25-50%
2	2-methylpentane-2, 4-diol	Ink	2-methylpentane-2, 4-diol	2.5-10%
3	Benzyl alcohol	Ink	Benzyl alcohol	2.5-10%
4	C.I. Solvent Violet 8	Ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid mono-bis-(2-ethylhexyl)- ester	Ink	Phosphoric acid, 2-ethylhexyl ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable	PA, PE, <u>PP</u> , PET, <u>RPET</u> , PS, PVC, <u>ABS</u> , VI, Silicone, POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Polyester	PLA/ABS, Wheat Straw/PP, Wheat Straw/ABS, Bamboo/PP, Coffee Husk/PP, Coffee Husk/ABS, Polyester/Latex	Glass, Basalt Stone, Ceramic, Chalk
Biodegradable (industrial)	PBAT	PLA/BPAT	Bamboo, Wheat Straw, PLA, Paper, Paper Straw, PLA/Wheat Straw, PLA/Bamboo, Cork, Cotton, Cocos Oil, Rubber, Hemp, Jute, Wood, Marble Cocos Oil, Rubber, Hemp, Jute, Wood, Marble

Recyclability of material	□No
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Renewable source

Recycled material	Natural material	Reused waste material
⊠Yes □No	□Yes ⊠No	□Yes ⊠No

End of life suggestion



Trademarks of material

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Fulfilled technical standard

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Packaging and Transport

Piece	Inner Carton	Carton	mo box	Polybag	Packaging
1	50	1000	-	-	Each pen bulk pack.

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