



Item number MO8209-03

Item description

Twist action ball pen in aluminium with stylus and shiny chrome clip. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Tip	External	Acrylonitrile-Butadien-Styrol Copolymer	2,20%
2	Lower barrel	External	Aluminium	8,70%
3	upper barrel	External	Aluminium	12,30%
4	Black part	Internal	Acrylonitrile-Butadien-Styrol Copolymer	2,40%
5	Movement	Internal	Aluminium	15,30%
6	Touch top	External	Rubber, silicone	1,00%
7	Thrust Device	Internal	Polypropylene (PP)	3,54%
8	Blue Ink	Internal	See Part II	0,60%
9	Middle ring	External	Copper	0,50%
10	Spring	Internal	Iron	42,66%
11	Clip	External	Iron	4,60%
12	Chormed trim	External	Acrylonitrile-Butadien-Styrol Copolymer	1,04%
13	Ink Chamber	Internal	Polypropylene (PP)	3,60%
14	Ballpoint Tip	External	Copper	1,56%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-phenoxyethanol	Blue ink	2-phenoxyethanol	25-50%
2	Benzyl alcohol	Blue ink	Benzyl alcohol	2.5-10%
3	2-Methyl pentane-2,4-diol	Blue ink	2-Methyl pentane-2,4-diol	2.5-10%
4	Solvent violet 8	Blue ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Blue ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid ester	Blue ink	Phosphoric acid ester	2.5-10%
			Total	100,00%



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

 Recyclability of material
 ⊠Yes
 □No

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

rackaging and transport							
	Piece	Inner Carton	Carton	mo box	Polybag	Packaging	
	1	50	1000	_	_	_	

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Mrs. P. Varela





Item number MO8209-04

Item description

Twist action ball pen in aluminium with stylus and shiny chrome clip. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Tip	External	Acrylonitrile-Butadien-Styrol Copolymer	2,20%
2	Lower barrel	External	Aluminium	8,70%
3	upper barrel	External	Aluminium	12,30%
4	Black part	Internal	Acrylonitrile-Butadien-Styrol Copolymer	2,40%
5	Movement	Internal	Aluminium	15,30%
6	Touch top	External	Rubber, silicone	1,00%
7	Thrust Device	Internal	Polypropylene (PP)	3,54%
8	Blue Ink	Internal	See Part II	0,60%
9	Middle ring	External	Copper	0,50%
10	Spring	Internal	Iron	42,66%
11	Clip	External	Iron	4,60%
12	Chormed trim	External	Acrylonitrile-Butadien-Styrol Copolymer	1,04%
13	Ink Chamber	Internal	Polypropylene (PP)	3,60%
14	Ballpoint Tip	External	Copper	1,56%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-phenoxyethanol	Blue ink	2-phenoxyethanol	25-50%
2	Benzyl alcohol	Blue ink	Benzyl alcohol	2.5-10%
3	2-Methyl pentane-2,4-diol	Blue ink	2-Methyl pentane-2,4-diol	2.5-10%
4	Solvent violet 8	Blue ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Blue ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid ester	Blue ink	Phosphoric acid ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable	PA, PC, PE, <u>PP</u> , PET, RPET, PS, PVC, ABS, VI, <u>Silicone</u> , POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Nylon	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, Leather

Recyclability of material	⊠Yes	□No
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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	-	-	-

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Mrs. P. Varela





Item number MO8209-05

Item description

Twist action ball pen in aluminium with stylus and shiny chrome clip. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Tip	External	Acrylonitrile-Butadien-Styrol Copolymer	2,20%
2	Lower barrel	External	Aluminium	8,70%
3	upper barrel	External	Aluminium	12,30%
4	Black part	Internal	Acrylonitrile-Butadien-Styrol Copolymer	2,40%
5	Movement	Internal	Aluminium	15,30%
6	Touch top	External	Rubber, silicone	1,00%
7	Thrust Device	Internal	Polypropylene (PP)	3,54%
8	Blue Ink	Internal	See Part II	0,60%
9	Middle ring	External	Copper	0,50%
10	Spring	Internal	Iron	42,66%
11	Clip	External	Iron	4,60%
12	Chormed trim	External	Acrylonitrile-Butadien-Styrol Copolymer	1,04%
13	Ink Chamber	Internal	Polypropylene (PP)	3,60%
14	Ballpoint Tip	External	Copper	1,56%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-phenoxyethanol	Blue ink	2-phenoxyethanol	25-50%
2	Benzyl alcohol	Blue ink	Benzyl alcohol	2.5-10%
3	2-Methyl pentane-2,4-diol	Blue ink	2-Methyl pentane-2,4-diol	2.5-10%
4	Solvent violet 8	Blue ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Blue ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid ester	Blue ink	Phosphoric acid ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable	PA, PC, PE, <u>PP</u> , PET, RPET, PS, PVC, ABS, VI, <u>Silicone</u> , POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Nylon	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, Leather

Recyclability of material	⊠Yes	□No
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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	-	-	-

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Item number MO8209-06

Item description

Twist action ball pen in aluminium with stylus and shiny chrome clip. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Tip	External	Acrylonitrile-Butadien-Styrol Copolymer	2,20%
2	Lower barrel	External	Aluminium	8,70%
3	upper barrel	External	Aluminium	12,30%
4	Black part	Internal	Acrylonitrile-Butadien-Styrol Copolymer	2,40%
5	Movement	Internal	Aluminium	15,30%
6	Touch top	External	Rubber, silicone	1,00%
7	Thrust Device	Internal	Polypropylene (PP)	3,54%
8	Blue Ink	Internal	See Part II	0,60%
9	Middle ring	External	Copper	0,50%
10	Spring	Internal	Iron	42,66%
11	Clip	External	Iron	4,60%
12	Chormed trim	External	Acrylonitrile-Butadien-Styrol Copolymer	1,04%
13	Ink Chamber	Internal	Polypropylene (PP)	3,60%
14	Ballpoint Tip	External	Copper	1,56%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-phenoxyethanol	Blue ink	2-phenoxyethanol	25-50%
2	Benzyl alcohol	Blue ink	Benzyl alcohol	2.5-10%
3	2-Methyl pentane-2,4-diol	Blue ink	2-Methyl pentane-2,4-diol	2.5-10%
4	Solvent violet 8	Blue ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Blue ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid ester	Blue ink	Phosphoric acid ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable	PA, PC, PE, <u>PP</u> , PET, RPET, PS, PVC, ABS, VI, <u>Silicone</u> , POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Nylon	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, Leather

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

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Piece	Inner Carton	Carton	mo box	Polybag	Packaging			
1	50	1000	_	_	_			

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Item number MO8209-16

Item description

Twist action ball pen in aluminium with stylus and shiny chrome clip. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Tip	External	Acrylonitrile-Butadien-Styrol Copolymer	2,20%
2	Lower barrel	External	Aluminium	8,70%
3	upper barrel	External	Aluminium	12,30%
4	Black part	Internal	Acrylonitrile-Butadien-Styrol Copolymer	2,40%
5	Movement	Internal	Aluminium	15,30%
6	Touch top	External	Rubber, silicone	1,00%
7	Thrust Device	Internal	Polypropylene (PP)	3,54%
8	Blue Ink	Internal	See Part II	0,60%
9	Middle ring	External	Copper	0,50%
10	Spring	Internal	Iron	42,66%
11	Clip	External	Iron	4,60%
12	Chormed trim	External	Acrylonitrile-Butadien-Styrol Copolymer	1,04%
13	Ink Chamber	Internal	Polypropylene (PP)	3,60%
14	Ballpoint Tip	External	Copper	1,56%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-phenoxyethanol	Blue ink	2-phenoxyethanol	25-50%
2	Benzyl alcohol	Blue ink	Benzyl alcohol	2.5-10%
3	2-Methyl pentane-2,4-diol	Blue ink	2-Methyl pentane-2,4-diol	2.5-10%
4	Solvent violet 8	Blue ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Blue ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid ester	Blue ink	Phosphoric acid ester	2.5-10%
			Total	100,00%



Material information	Petrochemical		Partly Biobased		Biobased
Non-biodegradable	PA, PC, PE, <u>PP</u> , PET, PVC, ABS, VI, <u>Silicor</u> ACR, PU, PC, PVC, TF TPR, EVA, Nyl	ne, POM, S PE, LDPE,	A/ABS, Wheat Straw/PP traw/ABS, Bamboo/PP, Husk/PP, Coffee Husk// Polyester/Latex	Coffee	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, Leather
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Recyclability of material ⊠Yes □No

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	100	1000	-	-	-

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Item number MO8209-18

Item description

Twist action ball pen in aluminium with stylus and shiny chrome clip. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Tip	External	Acrylonitrile-Butadien-Styrol Copolymer	2,20%
2	Lower barrel	External	Aluminium	8,70%
3	upper barrel	External	Aluminium	12,30%
4	Black part	Internal	Acrylonitrile-Butadien-Styrol Copolymer	2,40%
5	Movement	Internal	Aluminium	15,30%
6	Touch top	External	Rubber, silicone	1,00%
7	Thrust Device	Internal	Polypropylene (PP)	3,54%
8	Blue Ink	Internal	See Part II	0,60%
9	Middle ring	External	Copper	0,50%
10	Spring	Internal	Iron	42,66%
11	Clip	External	Iron	4,60%
12	Chormed trim	External	Acrylonitrile-Butadien-Styrol Copolymer	1,04%
13	Ink Chamber	Internal	Polypropylene (PP)	3,60%
14	Ballpoint Tip	External	Copper	1,56%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
1	2-phenoxyethanol	Blue ink	2-phenoxyethanol	25-50%
2	Benzyl alcohol	Blue ink	Benzyl alcohol	2.5-10%
3	2-Methyl pentane-2,4-diol	Blue ink	2-Methyl pentane-2,4-diol	2.5-10%
4	Solvent violet 8	Blue ink	Solvent violet 8	2.5-10%
5	C.I. Solvent Blue 4	Blue ink	C.I. Solvent Blue 4	2.5-10%
6	Phosphoric acid ester	Blue ink	Phosphoric acid ester	2.5-10%
			Total	100,00%



Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable	PA, PC, PE, <u>PP</u> , PET, RPET, PS, PVC, ABS, VI, <u>Silicone</u> , POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Nylon	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, Leather

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

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Piece	Inner Carton	Carton	mo box	Polybag	Packaging	
1	50	1000	_	_	_	

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Item number MO8209-19

Item description

Twist action ball pen in aluminium with stylus and shiny chrome clip. Blue ink.

Part	Component description	Position	Material	Weight Percentage
1	Tip	External	Acrylonitrile-Butadien-Styrol Copolymer	2,20%
2	Lower barrel	External	Aluminium	8,70%
3	upper barrel	External	Aluminium	12,30%
4	Black part	Internal	Acrylonitrile-Butadien-Styrol Copolymer	2,40%
5	Movement	Internal	Aluminium	15,30%
6	Touch top	External	Rubber, silicone	1,00%
7	Thrust Device	Internal	Polypropylene (PP)	3,54%
8	Blue Ink	Internal	See Part II	0,60%
9	Middle ring	External	Copper	0,50%
10	Spring	Internal	Iron	42,66%
11	Clip	External	Iron	4,60%
12	Chormed trim	External	Acrylonitrile-Butadien-Styrol Copolymer	1,04%
13	Ink Chamber	Internal	Polypropylene (PP)	3,60%
14	Ballpoint Tip	External	Copper	1,56%
			Total	100,00%

Material information	Petrochemical	Partly Biobased	Biobased
Non-biodegradable	PA, PC, PE, PP, PET, RPET, PS, PVC, ABS, VI, Silicone, POM, ACR, PU, PC, PVC, TPE, LDPE, TPR, EVA, Nylon	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, Leather



Recyclability of material	⊠Yes	□No	

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

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

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