

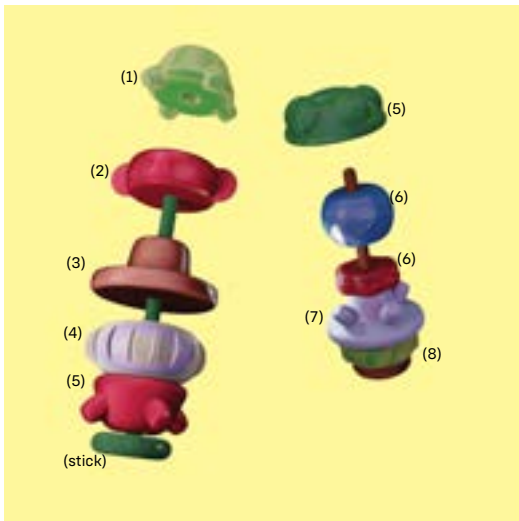


OUR KILO

Closing material loops, one kilo at a time

CATALOGUE

TOTEM KIDS TOY SET



STICK

Time: 2:30h
Weight: 45g
Size: 70x70x250mm
Tested: PET / **PLA**

TOTEM_SHAPE_2

Time: 2:38h
Weight: 77g
Size: 125x90x34mm
Tested: PET / **PLA**

TOTEM_SHAPE_4

Time: 4:23h
Weight: 124g
Size: 110x110x50mm
Tested: PET / **PLA**

TOTEM_SHAPE_6

Time: 4:50h
Weight: 139g
Size: 113x113x49mm
Tested: PET / **PLA**

TOTEM_SHAPE_8

Time: 1:33h
Weight: 45g
Size: 78x72x25mm
Tested: PET / **PLA**

TOTEM_SHAPE_10

Time: 2:43h
Weight: 72g
Size: 94x94x30mm
Tested: PET / **PLA**

TOTEM_SHAPE_1V

Time: 3:02h
Weight: 78g
Size: 83x83x53mm
Tested: PET / **PLA**

TOTEM_SHAPE_3

Time: 3:52h
Weight: 110g
Size: 116x116x56mm
Tested: PET / **PLA**

TOTEM_SHAPE_5

Time: 3:11h
Weight: 81g
Size: 83x83x46mm
Tested: PET / **PLA**

TOTEM_SHAPE_7

Time: 2:58h
Weight: 85g
Size: 80x80x58mm
Tested: PET / **PLA**

TOTEM_SHAPE_9

Time: 4:51h
Weight: 125g
Size: 114x114x56mm
Tested: PET / **PLA**

COLLECTION OF CHRISTMAS DECORATIONS



CHRISTMAS DECORATIONS



CHRISTMAS PEAK



CHRISTMAS BALL 1



CHRISTMAS BALL 2



CHRISTMAS BALL 3

PEAK

Time: 2:20h
Weight: 40g
Size: 45x46x160mm
Tested: PET / PLA

AIRPLANE

Time: 2:28h
Weight: 36g
Size: 95x30x110mm
Tested: PET / PLA

BIRD

Time: 1:53h
Weight: 26g
Size: 110x29x102mm
Tested: PET / PLA

ICECREAM

Time: 1:12h
Weight: 16g
Size: 54x21x73mm
Tested: PET / PLA

BALL 1

Time: 1:53h
Weight: 26g
Size: 110x29x102mm
Tested: PET / PLA

BALL 2

Time: 1:12h
Weight: 16g
Size: 54x21x73mm
Tested: PET / PLA

BALL 3

Time: 1:53h
Weight: 26g
Size: 110x29x102mm
Tested: PET / PLA



SAND HOUSE MOLD



SAND HOUSE TOY 1

Time: 3:24h
Weight: 96g
Size: 90x102x82mm
Tested: PET / PLA

SAND HOUSE TOY 2

Time: 1:56h
Weight: 51g
Size: 62x85x65mm
Tested: PET / PLA

SAND HOUSE TOY 3

Time: 1:54h
Weight: 49g
Size: 71x68x65mm
Tested: PET / PLA

GUITAR



GUITAR 01

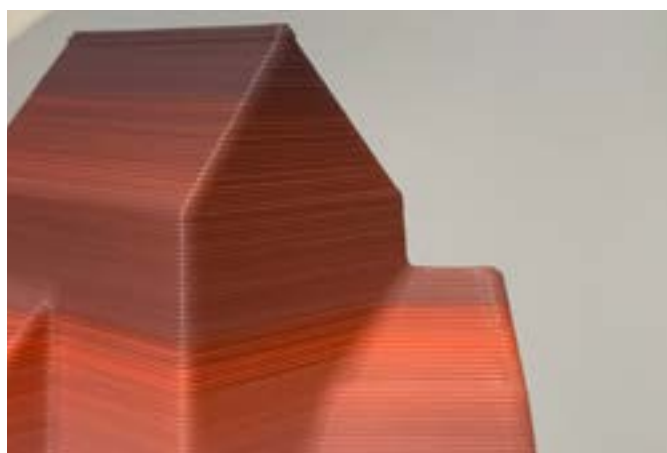
Time: 1:57h
Weight: 29g
Size: 94x16x200mm
Tested: PET / PLA

GUITAR 02

Time: 2:47h
Weight: 35g
Size: 23x22x200mm
Tested: PET / PLA

VIOLIN

Time: 3h
Weight: 37g
Size: 94x20x230mm
Tested: PET / PLA





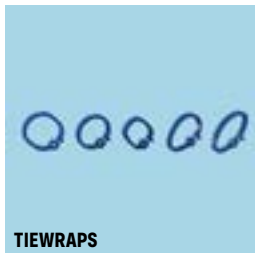
SERVET RING



HOLDER



PINCET



TIEWRAPS

SERVET RING

Time: 0:36h
 Weight: 6g
 Size: 48x48x23vmm
 Tested: **PET** / **PLA**

PINCET

Time: 0:28h
 Weight: 8g
 Size: 25x150x18mm
 Tested: **PET** / **PLA**

HOLDER

Time: 2:16h
 Weight: 33g
 Size: 91x57x69mm
 Tested: **PET** / **PLA**

TIEWRAPS SET

Time: 00.20h
 Weight: 10g
 Size: 8mm
 Tested: **PET** / PLA



TRAY



TRAY BIG

Time: 8:18h
Weight: 62,50g
Size: 324x198x40mm
Tested: **PET** / **PLA**

TRAY DIVIDER

Time: 4:10h
Weight: 29g
Size: 100x195x40mm
Tested: **PET** / **PLA**

TABLE



FOOT

Time: 11:11h
Weight: 721g
Size: 280x280x384mm
Tested: PET / **PLA**

TABLE TOP

Time: 15h
Weight: 1108g
Size: 440x440x40mm
Tested: PET / **PLA**



VASE



VASE 1

Time: 2h
Weight: 200g
Size: 25mm
Tested: PET / PLA

VASE 2

Time: 3:30h
Weight: 400g
Size: 35mm
Tested: PET / PLA

VASE 3

Time: 1h
Weight: 200g
Size: 18mm
Tested: PET / PLA


JOINT



JOINT

Time: 1:20h
Weight: 80g
Size: 50x50x50mm
Tested: PET / PLA





OurkilO is an initiative by Phygital Studio and In4Art. This document gives an overview of the various designs that have been made, while testing the properties of recycling post-consumer and post-industrial PET and PLA waste streams in the OurkilO micro-factory. The designs are shared under creative commons license on printables.com, so that others can use them for further experiments. The material research has been documented in 5 recipe booklets. For a general background, we refer to the documentary: 'Pioneering with PET'.