



Product		
Weight	Quantity	Total Weight
0.059 Kg	50000	2,960 Kg

Parts							
Name	Material	Recyclable	Grinding	Reused	Weight	Quantity	Total Weight
Scraper Top	ABS	Yes	No	100.00 %	3.252 g	1	3.252 g
Scraper Bottom	ABS	Yes	No	100.00 %	3.132 g	1	3.132 g
Indicator Top	ABS	Yes	No	100.00 %	7.416 g	1	7.416 g
Indicator Bottom	ABS	Yes	No	100.00 %	8.472 g	1	8.472 g
Housing Top	ABS	Yes	No	100.00 %	16.025 g	1	16.025 g
Housing Bottom	ABS	Yes	No	100.00 %	11.904 g	1	11.904 g
Tube	PP	No	No	0.00 %	6 g	1	6 g
Stamper	PC	No	No	0.00 %	3 g	1	3 g

Conventional			
	CO2	NOx	CO2e
Material Transport	1.19 Kg	0.000238 Kg	1.26 Kg
Material Process	8,086.12 Kg	0.719565 Kg	8,276.81 Kg
Manufacture Process	4,664.24 Kg	0.000000 Kg	4,664.24 Kg
Customer Transport	0.81 Kg	0.000161 Kg	0.85 Kg
	12,752.36 Kg	0.719964 Kg	12,943.15 Kg

R2S Circular			
	CO2	NOx	CO2e
Mill Transport	8.05 Kg	0.001610 Kg	8.48 Kg
Mill Process	84.51 Kg	0.000000 Kg	84.51 Kg
Grind Process	Not required		
Incinerate Transport	3.85 Kg	0.000769 Kg	4.05 Kg
Incinerate Process	405.00 Kg	0.000000 Kg	405.00 Kg
Material Transport	1.19 Kg	0.000238 Kg	1.26 Kg
Material Process	1,033.96 Kg	0.020516 Kg	1,039.40 Kg
Manufacture Transport	2.77 Kg	0.000554 Kg	2.92 Kg
Manufacture Process	4,664.24 Kg	0.000000 Kg	4,664.24 Kg
Customer Transport	0.81 Kg	0.000161 Kg	0.85 Kg
	6,204.36 Kg	0.023848 Kg	6,210.68 Kg

Comparison	
	CO2e
Conventional	12,943.15 Kg
R2S Circular	6,210.68 Kg
Reduced Sustainability	6,732.46 Kg 52.02 %

