

VDE Testing and Certification Institute • Merianstr. 28 • 63069 Offenbach • Germany

Date: December 20th, 2024
From: Dr. Michael Riess, VDE
To: Motorola/Lenovo

Subject: **Recyclability and Recoverability Report by VDE Testing and Certification Institute**

XT2503 & XT2505 Series

Description of Methodology

The calculation is based on a disassembly assessment of the product. The disassembly is done down to the level of “functional units” similar to what is done in recycling facilities. Based on Material Assessment data the composition of each functional unit is evaluated regarding compatibility of the overall material composition of the functional unit with material fractions, similar to the requirements of the European WEEE directive 2012/19/EU. This is done in accordance with EN 45555 which is in line with the requirements of the European WEEE Directive (2012/19/EU).

The functional unit material compatibility assessment allows the calculation of the recyclability and recoverability¹⁾. Formulas for calculation:

$$\text{recyclability} = \sum(\text{mass of recyclable product fractions/materials}) \div (\text{total mass of product}) \times 100$$

$$\text{recoverability} = \sum(\text{mass of recyclable product fractions/materials} + \text{mass of further serving useful purpose product material-mixes}) \div (\text{total mass of product}) \times 100$$

¹⁾ Percentage of materials that are compatible with materials recycling processes or that can go into energy recovery process

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	Dr. Michael Riess	

Annex

Based on Testreport-324741-TL7-1 the product achieves a recycling quote of 77.01 % and a recovery quote of 100 %.

Required Records:

1. Total weight of mobile phone (with Battery): 178.889 g = 0.394 lbs
2. Fraction Assessment for recycling:

Fraction Name	Sample No.	Description	Total Mass in [g]	Recycled or Reused Mass in [g]	Factor Recycling	Compatibility Recycling	Why not recyclable
Aluminum	GM2033-00	24-301 Smart Phone Milos25, XT2503, Metal rings	1,323	1,323	100%	YES	
Battery	GM2020-00	24-301 Smart Phone Milos25, XT2503, Battery	64,419	64,419	100%	YES	
Copper Alloy	GM2027-02	24-301 Smart Phone Milos25, XT2503, Display foils, Copper foil	4,530	4,530	100%	YES	
Copper Alloy	GM2035-03	24-301 Smart Phone Milos25, XT2503, Copper glue strip	0,035	0,035	100%	YES	
Copper Alloy (Au)	GM2045-04	24-301 Smart Phone Milos25, XT2503, Golden contact	0,001	0,001	100%	YES	
Ferrous Alloy	GM2028-01	24-301 Smart Phone Milos25, XT2503, Copper metal plate	3,798	3,798	100%	YES	
Ferrous Alloy	GM2028-02	24-301 Smart Phone Milos25, XT2503, Silver metal plate	0,152	0,152	100%	YES	
Ferrous Alloy	GM2045-01	24-301 Smart Phone Milos25, XT2503, Black screws 1+5	0,792	0,792	100%	YES	
Ferrous Alloy	GM2045-02	24-301 Smart Phone Milos25, XT2503, Black screws 2+3+4	0,060	0,060	100%	YES	
Ferrous Alloy	GM2045-03	24-301 Smart Phone Milos25, XT2503, Silver screw	0,031	0,031	100%	YES	
Glass	GM2025-00	24-301 Smart Phone Milos25, XT2503, Front glass	22,112	22,112	100%	YES	
Glass	GM2034-01	24-301 Smart Phone Milos25, XT2503, Glass covers 1	0,555	0,555	100%	YES	

Fraction Name	Sample No.	Description	Total Mass in [g]	Recycled or Reused Mass in [g]	Factor Recycling	Compatibility Recycling	Why not recyclable
Glass	GM2034-02	24-301 Smart Phone Milos25, XT2503, Glass covers 2	0,186	0,186	100%	YES	
Non recyclable	GM2001-00	24-301 Smart Phone Milos25, XT2503, SIM Card holder	0,375	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2002-00	24-301 Smart Phone Milos25, XT2503, Backside cover	10,179	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2027-01	24-301 Smart Phone Milos25, XT2503, Display foils, Golden foil	2,091	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2027-03	24-301 Smart Phone Milos25, XT2503, Display foils, Black glue	0,169	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2030-00	24-301 Smart Phone Milos25, XT2503, Metal housing	26,128	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2031-00	24-301 Smart Phone Milos25, XT2503, Black plastic pin	0,003	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2032-01	24-301 Smart Phone Milos25, XT2503, Black net	0,021	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2032-02	24-301 Smart Phone Milos25, XT2503, Black/Clear soft plastic strip 1+2	0,004	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2035-01	24-301 Smart Phone Milos25, XT2503, Humidity indicator	0,001	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2035-02	24-301 Smart Phone Milos25, XT2503, White glue strip	0,007	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2038-01	24-301 Smart Phone Milos25, XT2503, Black glue foil 1	0,843	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2038-02	24-301 Smart Phone Milos25, XT2503, Black glue foil 2	0,431	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2040-01	24-301 Smart Phone Milos25, XT2503, Label 1	0,005	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2040-02	24-301 Smart Phone Milos25, XT2503, Label 2	0,002	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2040-03	24-301 Smart Phone Milos25, XT2503, Label 3	0,005	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2040-04	24-301 Smart Phone Milos25, XT2503, Label 4	0,001	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2041-01	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 1	0,006	0	0%	NO	Material Mix more than 5% differing materials

Fraction Name	Sample No.	Description	Total Mass in [g]	Recycled or Reused Mass in [g]	Factor Recycling	Compatibility Recycling	Why not recyclable
Non recyclable	GM2041-02	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 2	0,008	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2041-03	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 3	0,035	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2041-04	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 4+5	0,033	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2041-05	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 6	0,002	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2041-06	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 7	0,027	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2041-07	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 8	0,038	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2041-08	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 9	0,004	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2042-01	24-301 Smart Phone Milos25, XT2503, Metallic shock pad 1	0,002	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2042-02	24-301 Smart Phone Milos25, XT2503, Metallic shock pad 2	0,003	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2042-03	24-301 Smart Phone Milos25, XT2503, Metallic shock pad 3	0,014	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2042-04	24-301 Smart Phone Milos25, XT2503, Metallic shock pad 4	0,028	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2043-01	24-301 Smart Phone Milos25, XT2503, Black glue strip 1	0,001	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2043-02	24-301 Smart Phone Milos25, XT2503, Black glue strip 2	0,002	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2043-03	24-301 Smart Phone Milos25, XT2503, Black glue strip 3	0,008	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2043-04	24-301 Smart Phone Milos25, XT2503, Black glue strip 4	0,032	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2043-05	24-301 Smart Phone Milos25, XT2503, Black glue strip 5	0,195	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2043-06	24-301 Smart Phone Milos25, XT2503, Black glue strip 6	0,022	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2043-07	24-301 Smart Phone Milos25, XT2503, Black glue strip 7	0,001	0	0%	NO	Material Mix more than 5% differing materials

Fraction Name	Sample No.	Description	Total Mass in [g]	Recycled or Reused Mass in [g]	Factor Recycling	Compatibility Recycling	Why not recyclable
Non recyclable	GM2043-08	24-301 Smart Phone Milos25, XT2503, Black glue strip 8	0,001	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-01	24-301 Smart Phone Milos25, XT2503, Black shock pad 1	0,003	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-02	24-301 Smart Phone Milos25, XT2503, Black shock pad 2	0,010	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-03	24-301 Smart Phone Milos25, XT2503, Black shock pad 3	0,203	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-04	24-301 Smart Phone Milos25, XT2503, Black shock pad 4	0,022	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-05	24-301 Smart Phone Milos25, XT2503, Black shock pad 5	0,029	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-06	24-301 Smart Phone Milos25, XT2503, Black shock pad 6	0,035	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-07	24-301 Smart Phone Milos25, XT2503, Black shock pad 7	0,024	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-08	24-301 Smart Phone Milos25, XT2503, Black shock pad 8	0,025	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-09	24-301 Smart Phone Milos25, XT2503, Black shock pad 9	0,012	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-10	24-301 Smart Phone Milos25, XT2503, Black shock pad 10	0,014	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-11	24-301 Smart Phone Milos25, XT2503, Black shock pad 11	0,017	0	0%	NO	Material Mix more than 5% differing materials
Non recyclable	GM2044-12	24-301 Smart Phone Milos25, XT2503, Black shock pad 12	0,002	0	0%	NO	Material Mix more than 5% differing materials
PWB and mixed Electronics	GM2005-00	24-301 Smart Phone Milos25, XT2503, Bottom speaker	3,445	3,445	100%	YES	
PWB and mixed Electronics	GM2006-00	24-301 Smart Phone Milos25, XT2503, SIM Card PWB	1,034	1,034	100%	YES	
PWB and mixed Electronics	GM2007-00	24-301 Smart Phone Milos25, XT2503, Sensor flex	0,193	0,193	100%	YES	
PWB and mixed Electronics	GM2008-00	24-301 Smart Phone Milos25, XT2503, USB-C charging port PWB	1,071	1,071	100%	YES	
PWB and mixed Electronics	GM2009-00	24-301 Smart Phone Milos25, XT2503, Vibra call	1,132	1,132	100%	YES	

Fraction Name	Sample No.	Description	Total Mass in [g]	Recycled or Reused Mass in [g]	Factor Recycling	Compatibility Recycling	Why not recyclable
PWB and mixed Electronics	GM2010-00	24-301 Smart Phone Milos25, XT2503, Small PWB	0,096	0,096	100%	YES	
PWB and mixed Electronics	GM2011-00	24-301 Smart Phone Milos25, XT2503, Flashlight PWB	0,519	0,519	100%	YES	
PWB and mixed Electronics	GM2012-00	24-301 Smart Phone Milos25, XT2503, Black plastic cover	3,851	3,851	100%	YES	
PWB and mixed Electronics	GM2013-00	24-301 Smart Phone Milos25, XT2503, Rear camera 1	0,626	0,626	100%	YES	
PWB and mixed Electronics	GM2014-00	24-301 Smart Phone Milos25, XT2503, Rear light sensor	0,445	0,445	100%	YES	
PWB and mixed Electronics	GM2015-00	24-301 Smart Phone Milos25, XT2503, Front camera	0,290	0,290	100%	YES	
PWB and mixed Electronics	GM2016-00	24-301 Smart Phone Milos25, XT2503, Rear camera 2	2,382	2,382	100%	YES	
PWB and mixed Electronics	GM2017-00	24-301 Smart Phone Milos25, XT2503, Main PWB	15,395	15,395	100%	YES	
PWB and mixed Electronics	GM2018-00	24-301 Smart Phone Milos25, XT2503, Top speaker	0,975	0,975	100%	YES	
PWB and mixed Electronics	GM2019-00	24-301 Smart Phone Milos25, XT2503, Front light sensor	0,109	0,109	100%	YES	
PWB and mixed Electronics	GM2020-06	24-301 Smart Phone Milos25, XT2503, Battery, Flex rigid	1,535	1,535	100%	YES	
PWB and mixed Electronics	GM2021-00	24-301 Smart Phone Milos25, XT2503, Connection flex	0,931	0,931	100%	YES	
PWB and mixed Electronics	GM2022-00	24-301 Smart Phone Milos25, XT2503, Black connection cable	0,168	0,168	100%	YES	
PWB and mixed Electronics	GM2023-00	24-301 Smart Phone Milos25, XT2503, Blue connection cable	0,208	0,208	100%	YES	
PWB and mixed Electronics	GM2024-00	24-301 Smart Phone Milos25, XT2503, White connection cable	0,154	0,154	100%	YES	
PWB and mixed Electronics	GM2026-00	24-301 Smart Phone Milos25, XT2503, Display connection flex	1,282	1,282	100%	YES	
PWB and mixed Electronics	GM2029-00	24-301 Smart Phone Milos25, XT2503, Power/Volume button flex	0,317	0,317	100%	YES	
Recyclable Plastic	GM2003-00	24-301 Smart Phone Milos25, XT2503, Light sensor cover	0,015	0,015	100%	YES	

Fraction Name	Sample No.	Description	Total Mass in [g]	Recycled or Reused Mass in [g]	Factor Recycling	Compatibility Recycling	Why not recyclable
Recyclable Plastic	GM2004-00	24-301 Smart Phone Milos25, XT2503, Black plastic frame	2,538	2,538	100%	YES	
Recyclable Plastic	GM2036-00	24-301 Smart Phone Milos25, XT2503, White thermal paste	0,158	0,158	100%	YES	
Recyclable Plastic	GM2037-00	24-301 Smart Phone Milos25, XT2503, Black seal	0,121	0,121	100%	YES	
Recyclable Plastic	GM2039-01	24-301 Smart Phone Milos25, XT2503, Black glue 1	0,361	0,361	100%	YES	
Recyclable Plastic	GM2039-02	24-301 Smart Phone Milos25, XT2503, Black glue 2	0,034	0,034	100%	YES	
Recyclable Plastic	GM2039-03	24-301 Smart Phone Milos25, XT2503, Black glue 3	0,185	0,185	100%	YES	
Recyclable Plastic	GM2039-04	24-301 Smart Phone Milos25, XT2503, Black glue 4	0,058	0,058	100%	YES	
Recyclable Plastic	GM2039-05	24-301 Smart Phone Milos25, XT2503, Black glue 5	0,144	0,144	100%	YES	
			178,889	137,766			

3. Fraction Assessment for recovery:

Fraction Name	Sample No.	Description	Total Mass in [g]	Recovered Mass in [g]	Factor Recovery	Compatibility Recovery	Why not recoverable
Aluminum	GM2033-00	24-301 Smart Phone Milos25, XT2503, Metal rings	1,323	1,323	100%	YES	
Battery	GM2020-00	24-301 Smart Phone Milos25, XT2503, Battery	64,419	64,419	100%	YES	
Copper Alloy	GM2027-02	24-301 Smart Phone Milos25, XT2503, Display foils, Copper foil	4,530	4,530	100%	YES	

Fraction Name	Sample No.	Description	Total Mass in [g]	Recovered Mass in [g]	Factor Recovery	Compatibility Recovery	Why not recoverable
Copper Alloy	GM2035-03	24-301 Smart Phone Milos25, XT2503, Copper glue strip	0,035	0,035	100%	YES	
Copper Alloy (Au)	GM2045-04	24-301 Smart Phone Milos25, XT2503, Golden contact	0,001	0,001	100%	YES	
Ferrous Alloy	GM2028-01	24-301 Smart Phone Milos25, XT2503, Copper metal plate	3,798	3,798	100%	YES	
Ferrous Alloy	GM2028-02	24-301 Smart Phone Milos25, XT2503, Silver metal plate	0,152	0,152	100%	YES	
Ferrous Alloy	GM2045-01	24-301 Smart Phone Milos25, XT2503, Black screws 1+5	0,792	0,792	100%	YES	
Ferrous Alloy	GM2045-02	24-301 Smart Phone Milos25, XT2503, Black screws 2+3+4	0,060	0,060	100%	YES	
Ferrous Alloy	GM2045-03	24-301 Smart Phone Milos25, XT2503, Silver screw	0,031	0,031	100%	YES	
Glass	GM2025-00	24-301 Smart Phone Milos25, XT2503, Front glass	22,112	22,112	100%	YES	
Glass	GM2034-01	24-301 Smart Phone Milos25, XT2503, Glass covers 1	0,555	0,555	100%	YES	
Glass	GM2034-02	24-301 Smart Phone Milos25, XT2503, Glass covers 2	0,186	0,186	100%	YES	
Non recyclable	GM2001-00	24-301 Smart Phone Milos25, XT2503, SIM Card holder	0,375	0,375	100%	YES	
Non recyclable	GM2002-00	24-301 Smart Phone Milos25, XT2503, Backside cover	10,179	10,179	100%	YES	
Non recyclable	GM2027-01	24-301 Smart Phone Milos25, XT2503, Display foils, Golden foil	2,091	2,091	100%	YES	
Non recyclable	GM2027-03	24-301 Smart Phone Milos25, XT2503, Display foils, Black glue	0,169	0,169	100%	YES	
Non recyclable	GM2030-00	24-301 Smart Phone Milos25, XT2503, Metal housing	26,128	26,128	100%	YES	
Non recyclable	GM2031-00	24-301 Smart Phone Milos25, XT2503, Black plastic pin	0,003	0,003	100%	YES	
Non recyclable	GM2032-01	24-301 Smart Phone Milos25, XT2503, Black net	0,021	0,021	100%	YES	
Non recyclable	GM2032-02	24-301 Smart Phone Milos25, XT2503, Black/Clear soft plastic strip 1+2	0,004	0,004	100%	YES	

Fraction Name	Sample No.	Description	Total Mass in [g]	Recovered Mass in [g]	Factor Recovery	Compatibility Recovery	Why not recoverable
Non recyclable	GM2035-01	24-301 Smart Phone Milos25, XT2503, Humidity indicator	0,001	0,001	100%	YES	
Non recyclable	GM2035-02	24-301 Smart Phone Milos25, XT2503, White glue strip	0,007	0,007	100%	YES	
Non recyclable	GM2038-01	24-301 Smart Phone Milos25, XT2503, Black glue foil 1	0,843	0,843	100%	YES	
Non recyclable	GM2038-02	24-301 Smart Phone Milos25, XT2503, Black glue foil 2	0,431	0,431	100%	YES	
Non recyclable	GM2040-01	24-301 Smart Phone Milos25, XT2503, Label 1	0,005	0,005	100%	YES	
Non recyclable	GM2040-02	24-301 Smart Phone Milos25, XT2503, Label 2	0,002	0,002	100%	YES	
Non recyclable	GM2040-03	24-301 Smart Phone Milos25, XT2503, Label 3	0,005	0,005	100%	YES	
Non recyclable	GM2040-04	24-301 Smart Phone Milos25, XT2503, Label 4	0,001	0,001	100%	YES	
Non recyclable	GM2041-01	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 1	0,006	0,006	100%	YES	
Non recyclable	GM2041-02	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 2	0,008	0,008	100%	YES	
Non recyclable	GM2041-03	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 3	0,035	0,035	100%	YES	
Non recyclable	GM2041-04	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 4+5	0,033	0,033	100%	YES	
Non recyclable	GM2041-05	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 6	0,002	0,002	100%	YES	
Non recyclable	GM2041-06	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 7	0,027	0,027	100%	YES	
Non recyclable	GM2041-07	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 8	0,038	0,038	100%	YES	
Non recyclable	GM2041-08	24-301 Smart Phone Milos25, XT2503, Metallic glue strip 9	0,004	0,004	100%	YES	
Non recyclable	GM2042-01	24-301 Smart Phone Milos25, XT2503, Metallic shock pad 1	0,002	0,002	100%	YES	
Non recyclable	GM2042-02	24-301 Smart Phone Milos25, XT2503, Metallic shock pad 2	0,003	0,003	100%	YES	

Fraction Name	Sample No.	Description	Total Mass in [g]	Recovered Mass in [g]	Factor Recovery	Compatibility Recovery	Why not recoverable
Non recyclable	GM2042-03	24-301 Smart Phone Milos25, XT2503, Metallic shock pad 3	0,014	0,014	100%	YES	
Non recyclable	GM2042-04	24-301 Smart Phone Milos25, XT2503, Metallic shock pad 4	0,028	0,028	100%	YES	
Non recyclable	GM2043-01	24-301 Smart Phone Milos25, XT2503, Black glue strip 1	0,001	0,001	100%	YES	
Non recyclable	GM2043-02	24-301 Smart Phone Milos25, XT2503, Black glue strip 2	0,002	0,002	100%	YES	
Non recyclable	GM2043-03	24-301 Smart Phone Milos25, XT2503, Black glue strip 3	0,008	0,008	100%	YES	
Non recyclable	GM2043-04	24-301 Smart Phone Milos25, XT2503, Black glue strip 4	0,032	0,032	100%	YES	
Non recyclable	GM2043-05	24-301 Smart Phone Milos25, XT2503, Black glue strip 5	0,195	0,195	100%	YES	
Non recyclable	GM2043-06	24-301 Smart Phone Milos25, XT2503, Black glue strip 6	0,022	0,022	100%	YES	
Non recyclable	GM2043-07	24-301 Smart Phone Milos25, XT2503, Black glue strip 7	0,001	0,001	100%	YES	
Non recyclable	GM2043-08	24-301 Smart Phone Milos25, XT2503, Black glue strip 8	0,001	0,001	100%	YES	
Non recyclable	GM2044-01	24-301 Smart Phone Milos25, XT2503, Black shock pad 1	0,003	0,003	100%	YES	
Non recyclable	GM2044-02	24-301 Smart Phone Milos25, XT2503, Black shock pad 2	0,010	0,010	100%	YES	
Non recyclable	GM2044-03	24-301 Smart Phone Milos25, XT2503, Black shock pad 3	0,203	0,203	100%	YES	
Non recyclable	GM2044-04	24-301 Smart Phone Milos25, XT2503, Black shock pad 4	0,022	0,022	100%	YES	
Non recyclable	GM2044-05	24-301 Smart Phone Milos25, XT2503, Black shock pad 5	0,029	0,029	100%	YES	
Non recyclable	GM2044-06	24-301 Smart Phone Milos25, XT2503, Black shock pad 6	0,035	0,035	100%	YES	
Non recyclable	GM2044-07	24-301 Smart Phone Milos25, XT2503, Black shock pad 7	0,024	0,024	100%	YES	
Non recyclable	GM2044-08	24-301 Smart Phone Milos25, XT2503, Black shock pad 8	0,025	0,025	100%	YES	

Fraction Name	Sample No.	Description	Total Mass in [g]	Recovered Mass in [g]	Factor Recovery	Compatibility Recovery	Why not recoverable
Non recyclable	GM2044-09	24-301 Smart Phone Milos25, XT2503, Black shock pad 9	0,012	0,012	100%	YES	
Non recyclable	GM2044-10	24-301 Smart Phone Milos25, XT2503, Black shock pad 10	0,014	0,014	100%	YES	
Non recyclable	GM2044-11	24-301 Smart Phone Milos25, XT2503, Black shock pad 11	0,017	0,017	100%	YES	
Non recyclable	GM2044-12	24-301 Smart Phone Milos25, XT2503, Black shock pad 12	0,002	0,002	100%	YES	
PWB and mixed Electronics	GM2005-00	24-301 Smart Phone Milos25, XT2503, Bottom speaker	3,445	3,445	100%	YES	
PWB and mixed Electronics	GM2006-00	24-301 Smart Phone Milos25, XT2503, SIM Card PWB	1,034	1,034	100%	YES	
PWB and mixed Electronics	GM2007-00	24-301 Smart Phone Milos25, XT2503, Sensor flex	0,193	0,193	100%	YES	
PWB and mixed Electronics	GM2008-00	24-301 Smart Phone Milos25, XT2503, USB-C charging port PWB	1,071	1,071	100%	YES	
PWB and mixed Electronics	GM2009-00	24-301 Smart Phone Milos25, XT2503, Vibra call	1,132	1,132	100%	YES	
PWB and mixed Electronics	GM2010-00	24-301 Smart Phone Milos25, XT2503, Small PWB	0,096	0,096	100%	YES	
PWB and mixed Electronics	GM2011-00	24-301 Smart Phone Milos25, XT2503, Flashlight PWB	0,519	0,519	100%	YES	
PWB and mixed Electronics	GM2012-00	24-301 Smart Phone Milos25, XT2503, Black plastic cover	3,851	3,851	100%	YES	
PWB and mixed Electronics	GM2013-00	24-301 Smart Phone Milos25, XT2503, Rear camera 1	0,626	0,626	100%	YES	
PWB and mixed Electronics	GM2014-00	24-301 Smart Phone Milos25, XT2503, Rear light sensor	0,445	0,445	100%	YES	
PWB and mixed Electronics	GM2015-00	24-301 Smart Phone Milos25, XT2503, Front camera	0,290	0,290	100%	YES	
PWB and mixed Electronics	GM2016-00	24-301 Smart Phone Milos25, XT2503, Rear camera 2	2,382	2,382	100%	YES	
PWB and mixed Electronics	GM2017-00	24-301 Smart Phone Milos25, XT2503, Main PWB	15,395	15,395	100%	YES	
PWB and mixed Electronics	GM2018-00	24-301 Smart Phone Milos25, XT2503, Top speaker	0,975	0,975	100%	YES	

Fraction Name	Sample No.	Description	Total Mass in [g]	Recovered Mass in [g]	Factor Recovery	Compatibility Recovery	Why not recoverable
PWB and mixed Electronics	GM2019-00	24-301 Smart Phone Milos25, XT2503, Front light sensor	0,109	0,109	100%	YES	
PWB and mixed Electronics	GM2020-06	24-301 Smart Phone Milos25, XT2503, Battery, Flex rigid	1,535	1,535	100%	YES	
PWB and mixed Electronics	GM2021-00	24-301 Smart Phone Milos25, XT2503, Connection flex	0,931	0,931	100%	YES	
PWB and mixed Electronics	GM2022-00	24-301 Smart Phone Milos25, XT2503, Black connection cable	0,168	0,168	100%	YES	
PWB and mixed Electronics	GM2023-00	24-301 Smart Phone Milos25, XT2503, Blue connection cable	0,208	0,208	100%	YES	
PWB and mixed Electronics	GM2024-00	24-301 Smart Phone Milos25, XT2503, White connection cable	0,154	0,154	100%	YES	
PWB and mixed Electronics	GM2026-00	24-301 Smart Phone Milos25, XT2503, Display connection flex	1,282	1,282	100%	YES	
PWB and mixed Electronics	GM2029-00	24-301 Smart Phone Milos25, XT2503, Power/Volume button flex	0,317	0,317	100%	YES	
Recyclable Plastic	GM2003-00	24-301 Smart Phone Milos25, XT2503, Light sensor cover	0,015	0,015	100%	YES	
Recyclable Plastic	GM2004-00	24-301 Smart Phone Milos25, XT2503, Black plastic frame	2,538	2,538	100%	YES	
Recyclable Plastic	GM2036-00	24-301 Smart Phone Milos25, XT2503, White thermal paste	0,158	0,158	100%	YES	
Recyclable Plastic	GM2037-00	24-301 Smart Phone Milos25, XT2503, Black seal	0,121	0,121	100%	YES	
Recyclable Plastic	GM2039-01	24-301 Smart Phone Milos25, XT2503, Black glue 1	0,361	0,361	100%	YES	
Recyclable Plastic	GM2039-02	24-301 Smart Phone Milos25, XT2503, Black glue 2	0,034	0,034	100%	YES	
Recyclable Plastic	GM2039-03	24-301 Smart Phone Milos25, XT2503, Black glue 3	0,185	0,185	100%	YES	
Recyclable Plastic	GM2039-04	24-301 Smart Phone Milos25, XT2503, Black glue 4	0,058	0,058	100%	YES	
Recyclable Plastic	GM2039-05	24-301 Smart Phone Milos25, XT2503, Black glue 5	0,144	0,144	100%	YES	
			178,889	178,889			

