



Good working conditions
Unknown supplier

Known supplier
No details on work.cond.

At least „conflict free“

Frame:

Factory / mine visited Supplier contacted No direct contact to the supplier yet Trader

Symbols:

„xxx“ Company name must not be published

i.A. in negotiations for better production conditions

P Process chemicals

Sugar cane Thailand

Sugar mill → PLA Corbion **i.A.** >70%

Sugar beet Spain

Sugar mill → PLA Corbion **i.A.** <10%

Lactid Corbion

PDLA Synbra

Additives xxx

Colouring Innosolids

Min. auxiliaries xxx

Crude oil

...

Pigments

Medium

Assembly, Distribution
Retex, Sheltered Workshop

PCB Assembly
Retex Electronics

Bioplastic
IfBB Uni. Hannover Devpt. and Prod.

Case
IfBB/ Beoplast Moulding

Srews EJOT

Packaging Dinkhauser

Labels Kempa

Scroll wheel Hauck

Die-cutting Frielingsdorf

PTFE sheet High Techflon

Adhesive film Neschen

Soldering Wire
Fairlötet/ Stannol

Soldering paste
Solder

SMD Assembly
Wabe, Sheltered Workshop

SMD Capacitor
Vishay/ Israel

Resistors
Microtech electronic

PCB
Hofmann LP **i.A.**

Switch
Kailh

Encoder
Kailh

Sensor
Design: Pixart/ Tw Prod. Malaysia

Lenze
SZ Source Lung Opt. Techn

USB Cable
Ningbo Broad

LED
Nichia/ Japan

Capacitors
WIMA

E-cap
Frolyt

Tinned steel wire xxx

Bakelite resin Europ. countries xxx

Synthetic film: Europ. countries

Rubber joint

Aluminium can Shrink hose

Aluminium foil paper wires

Adhesive film

Electrolyte

...

Tin-lead solder Bavier

Thick film compound

Aluminium Oxid Ceramics Tri Circle

Base material: Isola

Auxiliaries: Alu foil

Auxiliaries: Wood panel

Process chemicals Entrone Italy

Solder Schöller

Solder resist Lackwerke Peters

Metal sheet, plastics

...

...

Among other things crude oil, tin, aluminium

Glas powder

Pressure carrier

Copper foil Circuit Foil

Fibre glass Isola Fabrics

Epoxid resin Isola Duren

Chemicals 1 Europe

Chemicals 2 Europe

Chemicals 3 Europe/ USA

Chemicals 4 „Third country“

TBBA

Brass

...

...

...

...

Trader for (metal, oil...), refining companies, processing companies, metal exchange, ...intransparent channels of trade

Tin According to supplier not from illegal mines in Central Africa

Iron

Crude oil

Silver

Titan

Nickel

Tin

Barium

Palladium

Tin Smelters: PT Timah PT Koba Minsur

Silicon

Aluminium

Ruthenium titan, silver nickel

Copper

Silicon

Crude oil

Diverse raw materials Industrial countries all over the world

Crude oil

Bromic

Silver

Zinc

Copper

Silicon

Gold

Tin, copper

a.o. Iron

Crude oil

Copper

Crude oil

Aluminium

Tin

Under construction
June 2018
Grey part incomplete especially raw materials

Germanium

Tin

SnGe(99/1)

Copper Intern.Quellen

90 %E-Waste 10% Scum

99% Sn+Cu,Ni,Co

Colophony Nat.Resin

Activator

Wax (Europ)

Reset-Soldering Stannol

52%

44%

Sekundary-Tin XXX

Trader

Sn, Ag, Cu

Lindy, Uno Electronic