



LAP0
COMPOUND
COMPOUNDS POLIPROPILENICI

OUR COMPANY

About Us

Lapo Compound is a young and dynamic company voted to production of technical polypropylene compounds



Lapo Compound develops and manufactures polypropylene products that meet technical requirements of its individual customers



The core activity is design and production of technical compounds



Focus on response to customer needs has led to the development of excellent skills and knowledge

Company History

Lapo Compound was founded in 2001. The entrepreneurial aim is the production and marketing of polypropylene compounds for the automotive, household appliances, general design and technical sectors.

2001

First extrusion line with a theoretical output of 4 Ktons/year

2018

Turnover of more than 13 million €

2019

Four extrusions lines with a theoretical output of 25 Ktons/year

Became official FCA Group supplier

Analytical laboratory and key partners

Thanks to an agreement with the Department of Materials Engineering of the University of Naples, LAPO is able to address and respond to any technical requirement in relatively short time, ensuring excellence and continuity in our customer support



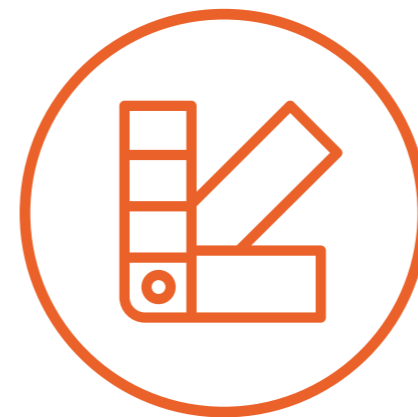
Staff

Qualified technical staff conduct tests, trials and perfect customer solutions



Laboratory tools

Internal lab equipped to perform moulding and physical-mechanical tests



Colour match

Lab equipped with last spectral solutions to realize all kind of mass coloration



Esthetical

In site perform scratch and mar resistance tests

Some Equipments

Our company takes great pride in our research centre, staffed with researchers and analysts devoted to development and production of new materials.



Two injection machines

Modular mouldings to realize ISO samples and test components



Spectrophotometers

Hardwares and softwares to control and match colors.



Surface tests

All esthetical product are tested for scratch and mar resistance

OUR IDEA



60 years ago, the idea that a cardboard container could hold a drink, would have been rejected.

Then came **tetrapak** with an innovative solution suitable for conservation and...



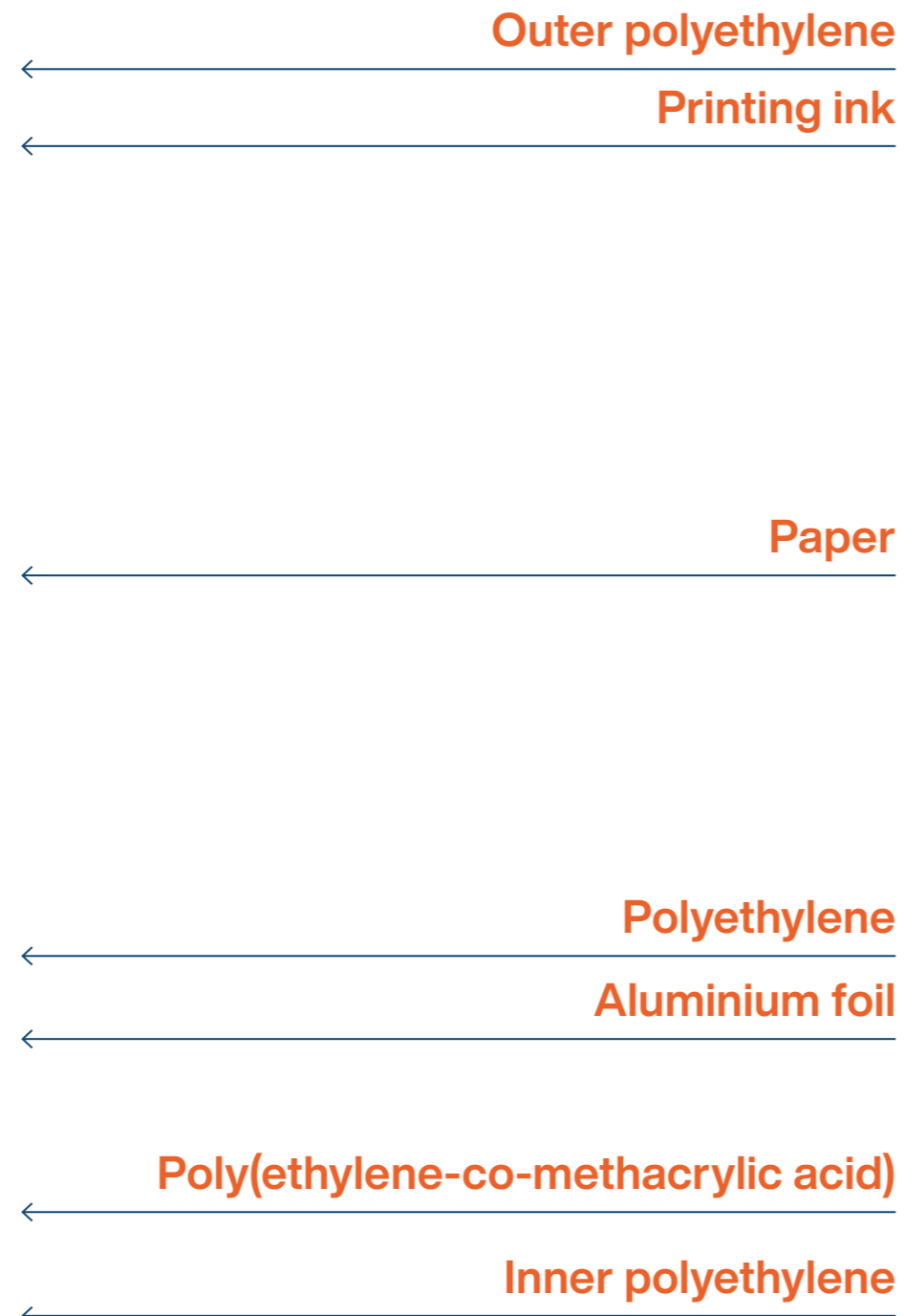
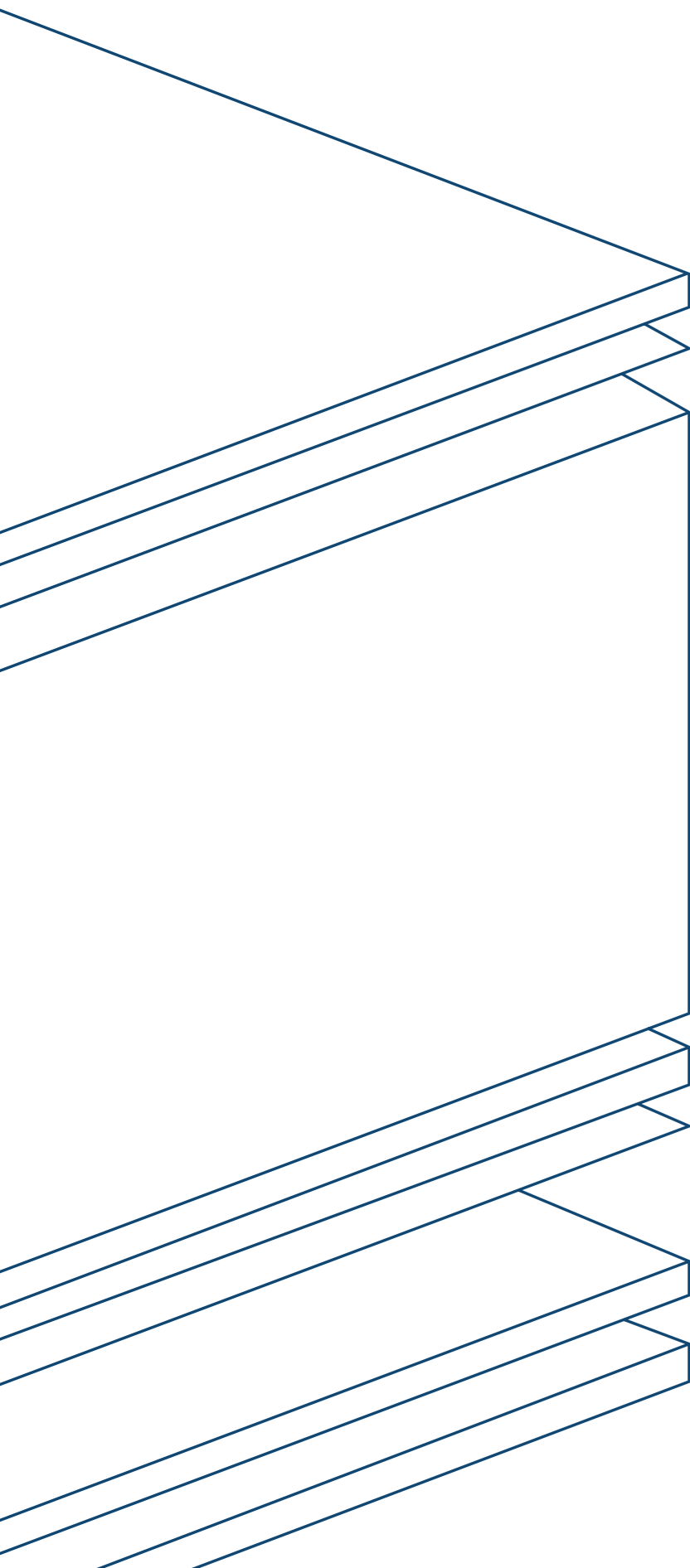
...billions of
polylamine
containers have
spread rapidly and
widely to every corner
of our planet.



 **1.4** billions

In Italy, over 1.4 billions of containers are collected every year.

In today's world, besieged by the large and long-standing drama of waste, is a problem that affects each of us.



Composition

Beverage cartons are multilayer polymer-coated paperboards with a layer of aluminum foil.

Due to their multilayer structure they **cannot be fully recycled.**



80%

of the container is **paper** which is **recycled** by paper mills.



20%

is **polyethylene** and **aluminum** that usually **goes to the dump**.



In a planet increasingly lacking in resources and submerged by plastic, **LAPPO Compound** promotes a **sensitive behavior** to this specific **environmental problem.**



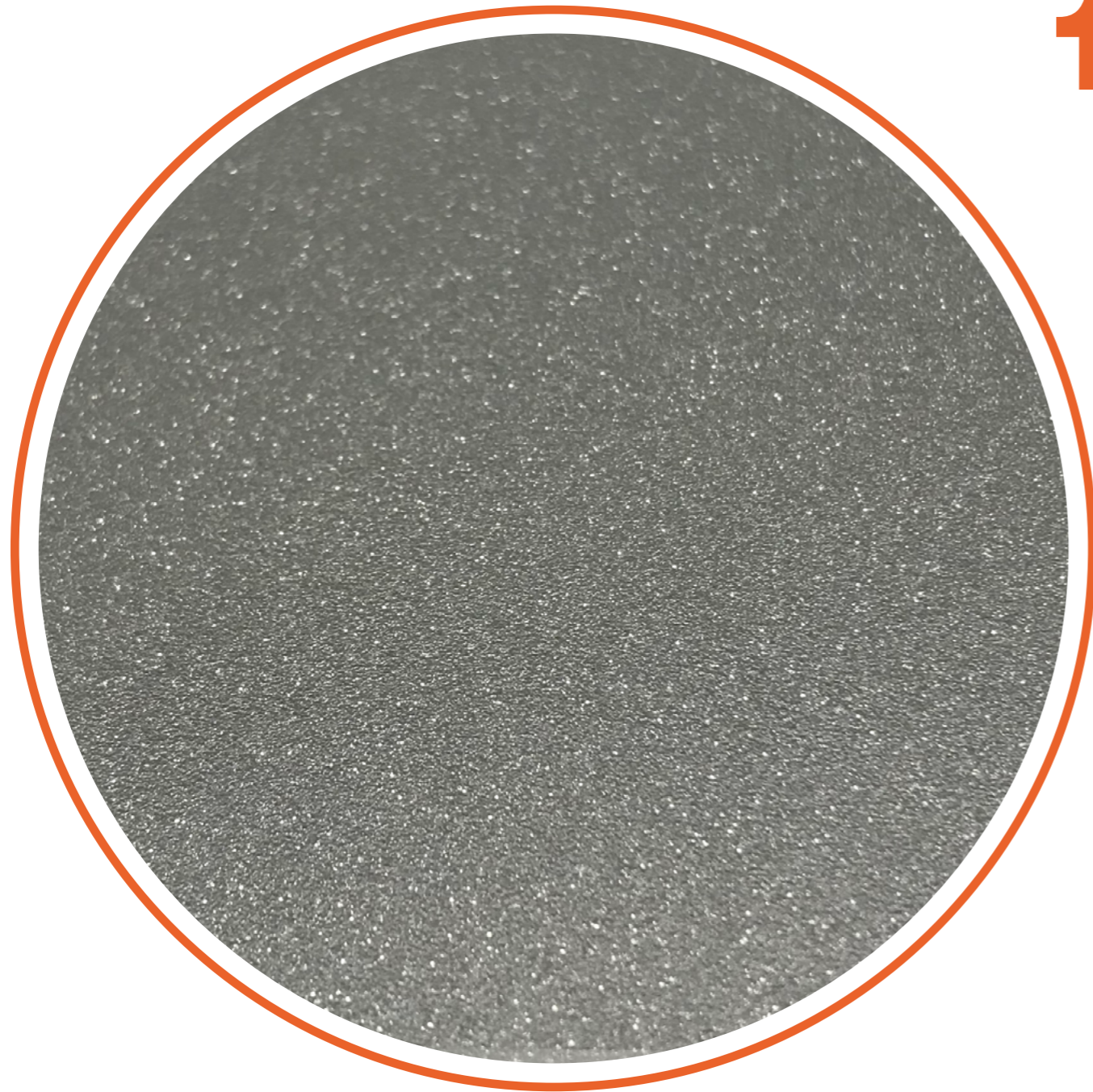
Our aim is to
recycle that 20%
to give new life
and create a **new**
special product.



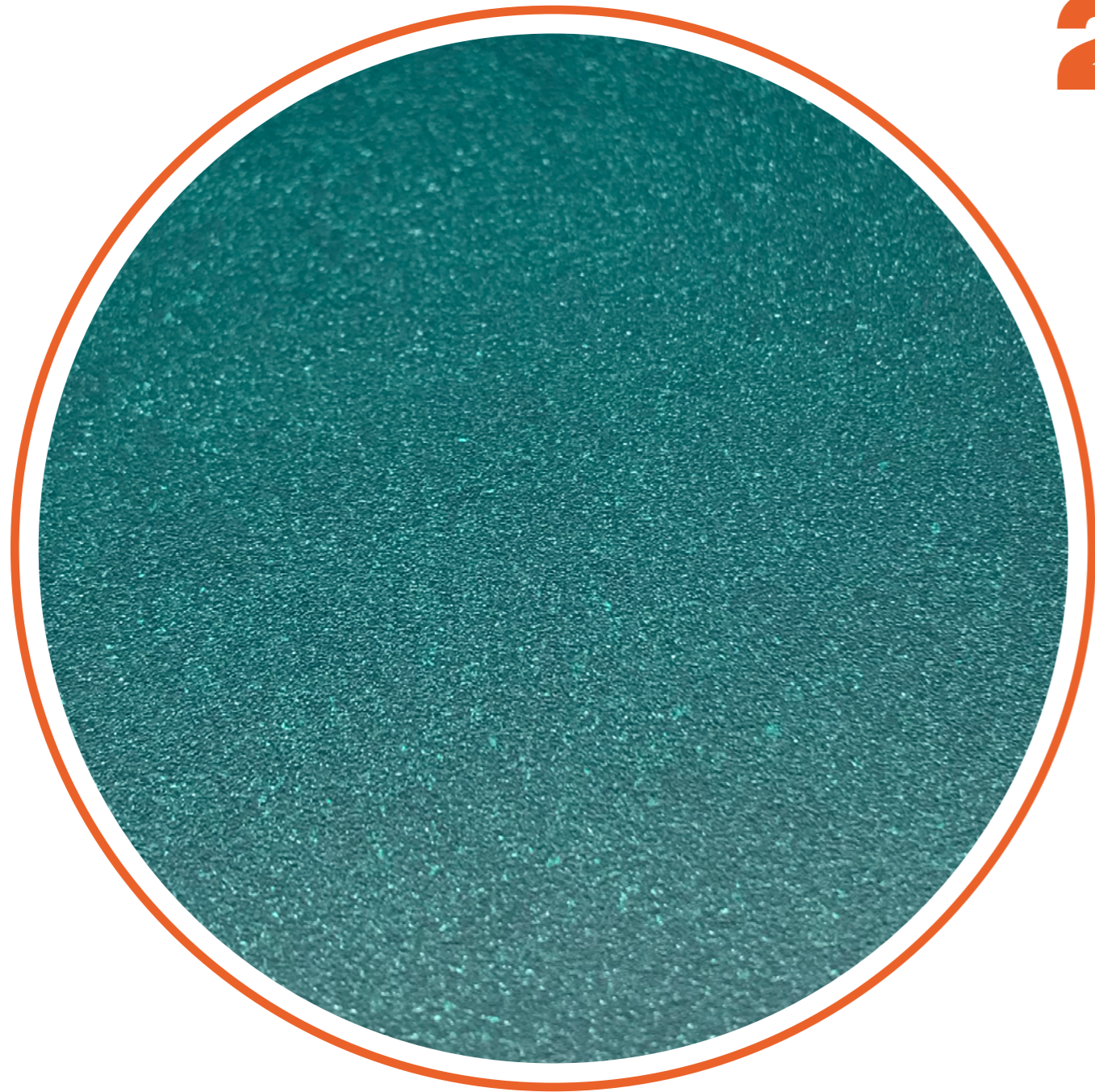
The background features several decorative circles in two colors: a dark blue and a bright orange. Some circles are split vertically down the middle, while others are solid. They are scattered across the white background, with some partially cut off by the edges of the frame.

LAPOLEN ECOTEK

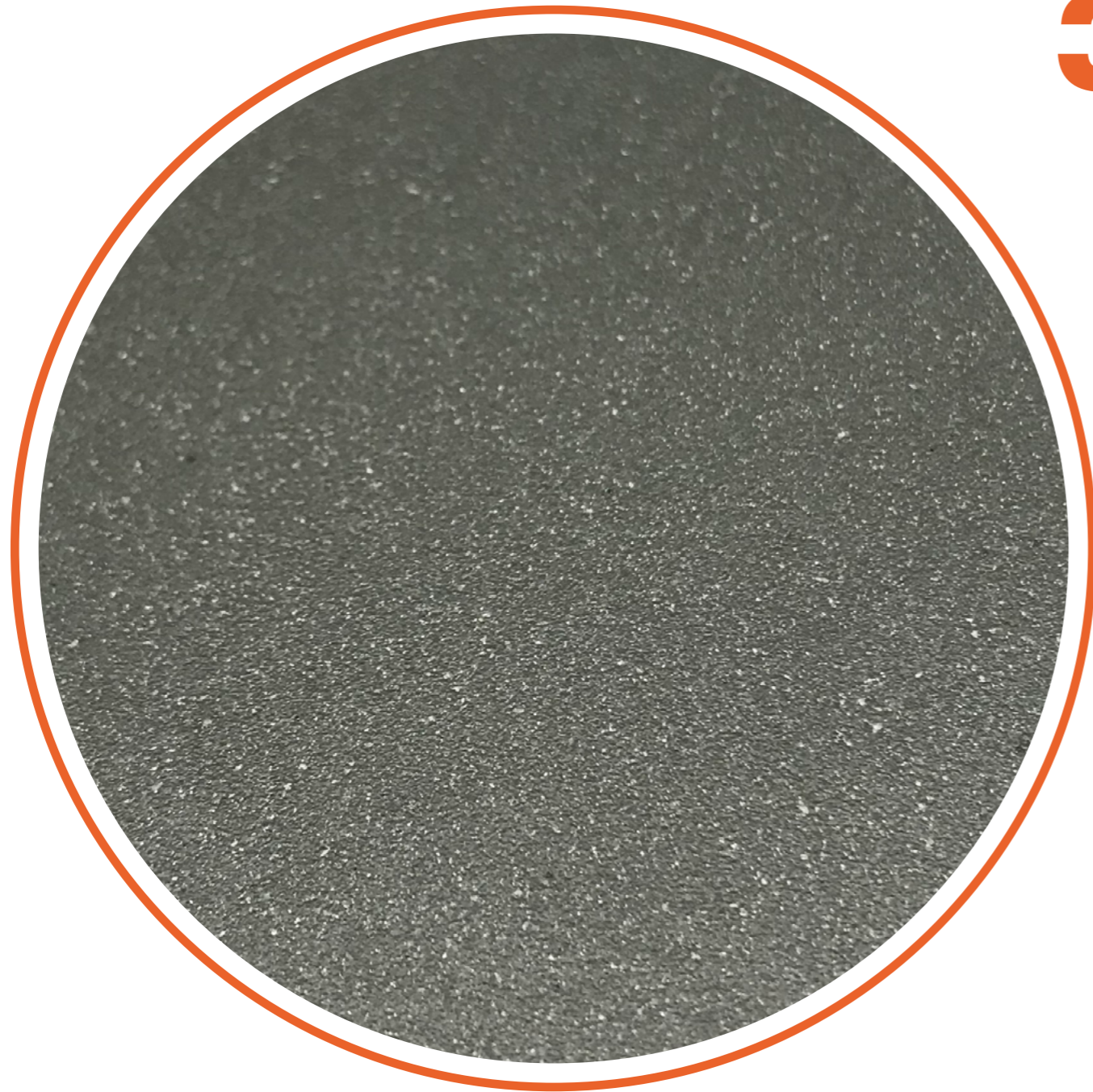
The environmental friendly
Polypropylene Compound



- 1** The new polypropylene compound replaces various compound grades in different markets.



2 Lapolen Ecotek is available in natural and mass pigmented version.



3 The micronized aluminum finish, gives a fine aesthetic effect that enhances the concept of recyclability.

**Lapolen Ecotek
can be used in a
variety of industries**



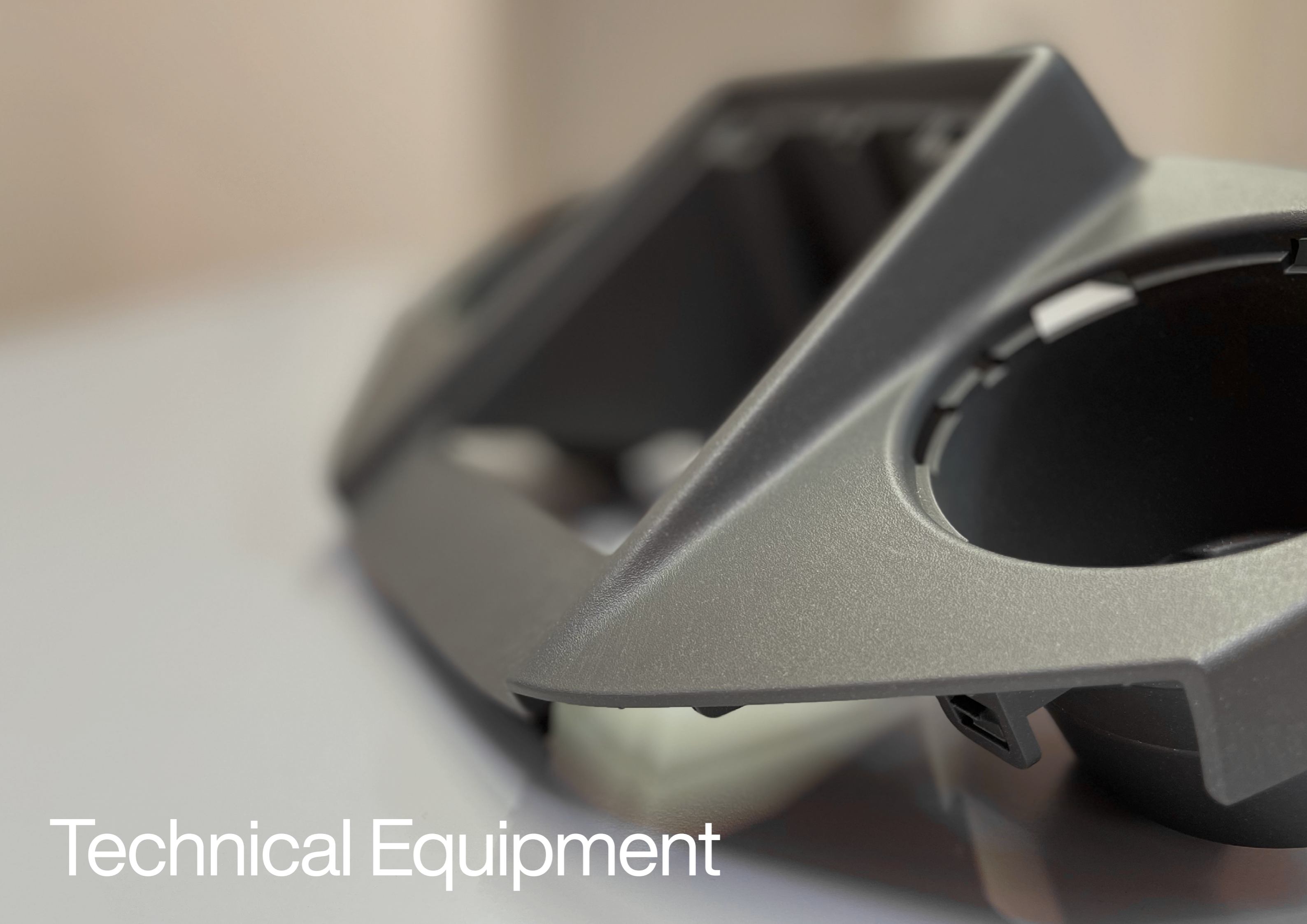
Automotive



Domestic Appliances



Furniture



Technical Equipment

AND OBVIOUSLY



Lapolen Ecotek
is **fully recyclable**

Lapolen Ecotek

Grade	Recycled tetrapak content	Density (Kg/m3) ISO 1183A	MFR 230 C/2,16kg [g/10'] ISO 1133	Filler Content [%] ISO 3451	Flexural Modulus [MPa] ISO 178	Impact, Izod notched 23 C [kJ/m] ISO 180	Vicat (0.45Mpa) [C] ISO 306	Typical Applications
INTERNAL APPLICATIONS								
Lapotek ECO K 1618C	20%	1,00	12	15	1400	18	50	Trim interior pillars and others interior components
Lapotek ECO H 1503B	25%	0,99	20	12	1800	2,5	80	Vehicle interior components trims
Lapotek ECO K 1525D	20%	1,04	18	19	1550	25	47	Centre console
EXTERNAL APPLICATIONS								
Lapotek ECO K 1525D	25%	1,14	25	30	1700	20	43	Rocker panels

THANK YOU