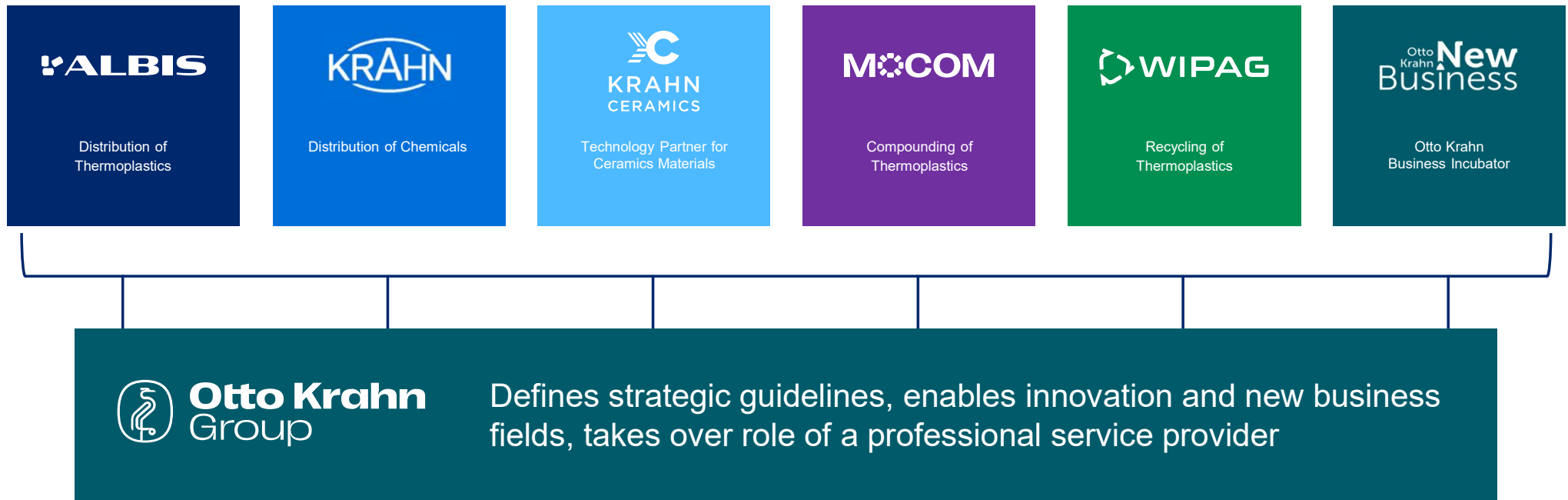


The logo consists of the word "MOCOM" in a bold, white, sans-serif font. The letter "O" is replaced by a stylized icon of a hexagonal molecule with six dots at its vertices.

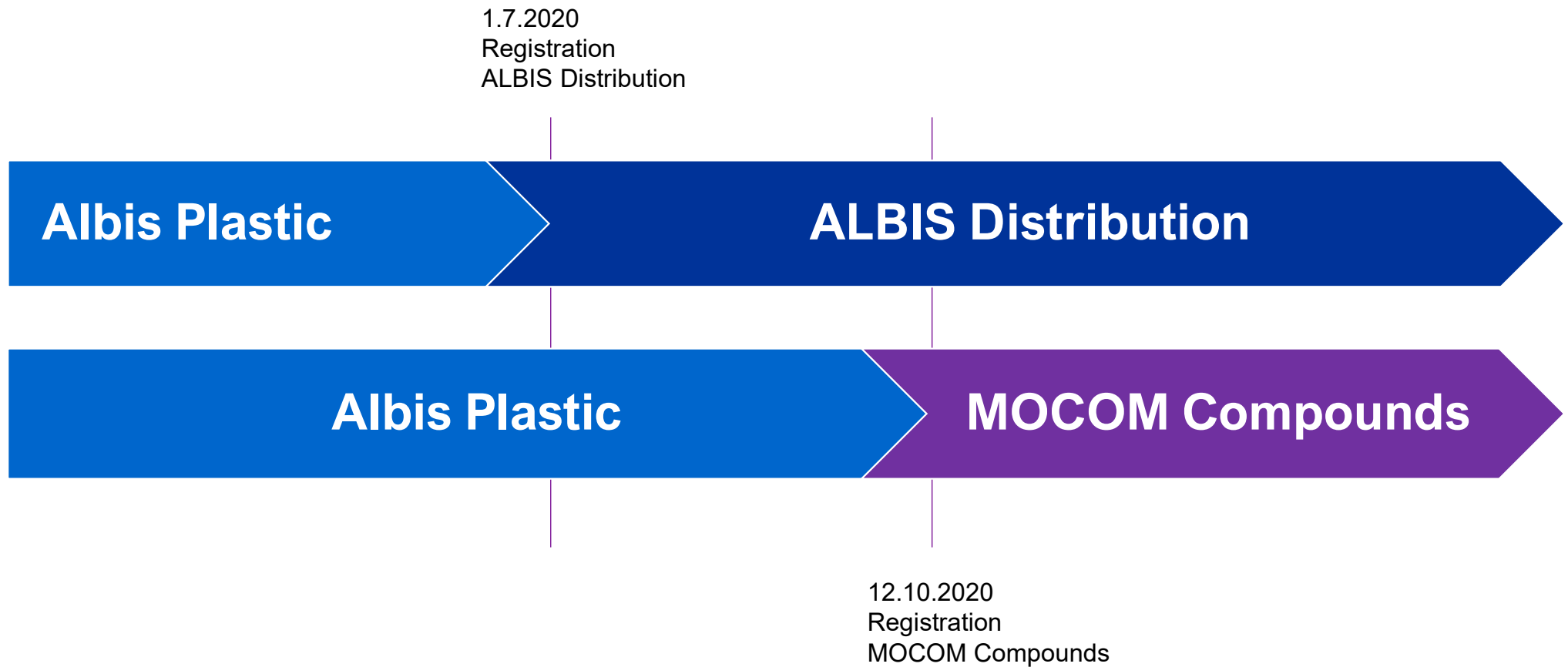
MOCOM

**We drive
compounding
excellence**

Member of Otto Krahn Group



Our Founding



Our Vision



**We drive compounding
excellence, innovation
and sustainability
creating thermoplastic
solutions of tomorrow.**

Facts & Figures



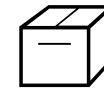
> 50
years' compounding
experience & know-how



> 5,000
customers
incl. ALBIS Distribution



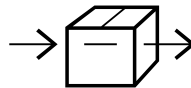
> 750
employees



> 4,000
products,
global specifications



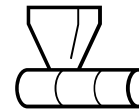
> 800
development
requests p.a.



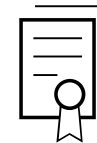
> 11,000
production
orders p.a.



5
production sites
DE, CN, US



63
compounding-lines
ZSK25 – ZSK80



Certificates
IATF 16949:2016
ISSO 14001:2015
ISO 50001:2018
ISO 13485:2016
EcoVadis Gold

Production Sites

Americas

■ Duncan, SC, USA

Europe & Africa

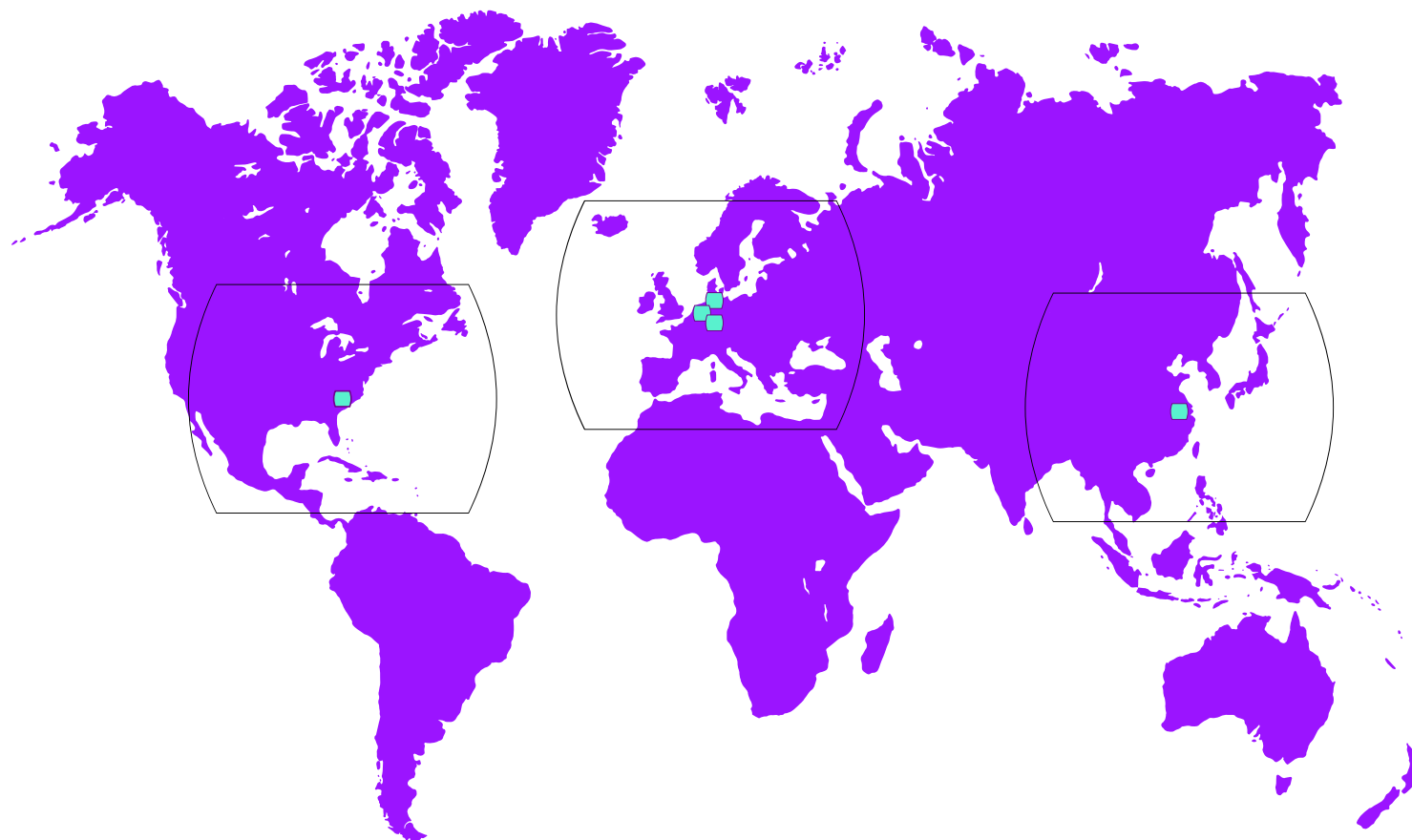
■ Hamburg, DE

■ Zülrich, DE

■ Obernburg, DE

Asia-Pacific

■ Changshu, CN



Sales Offices & Regions

Europe, Middle East & Africa

- MOCOM, Hamburg, DE
- MOCOM Direct Sales Region
- ALBIS Sales Region

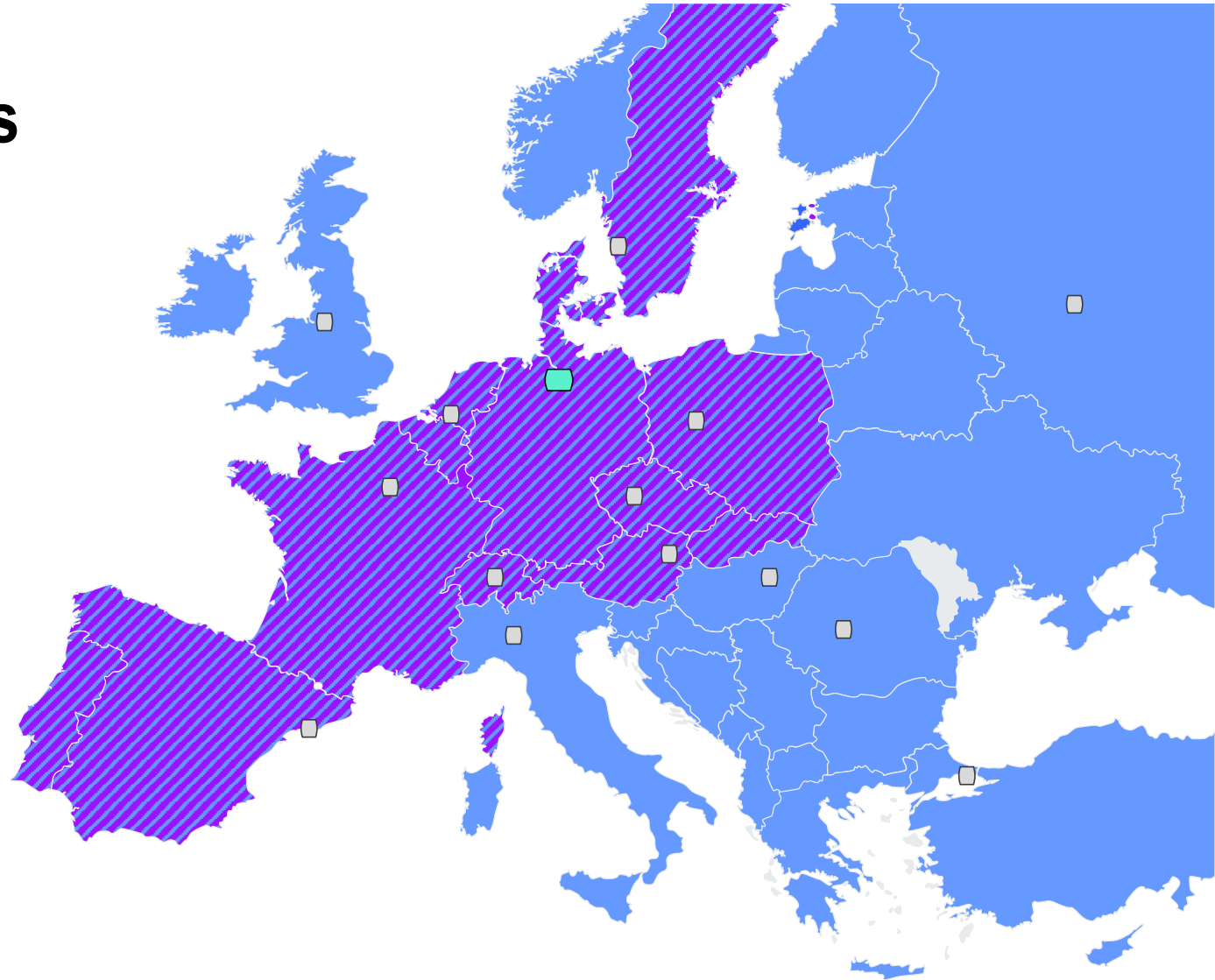
- ALBIS Offices
- ALBIS Sales Region

Asia-Pacific

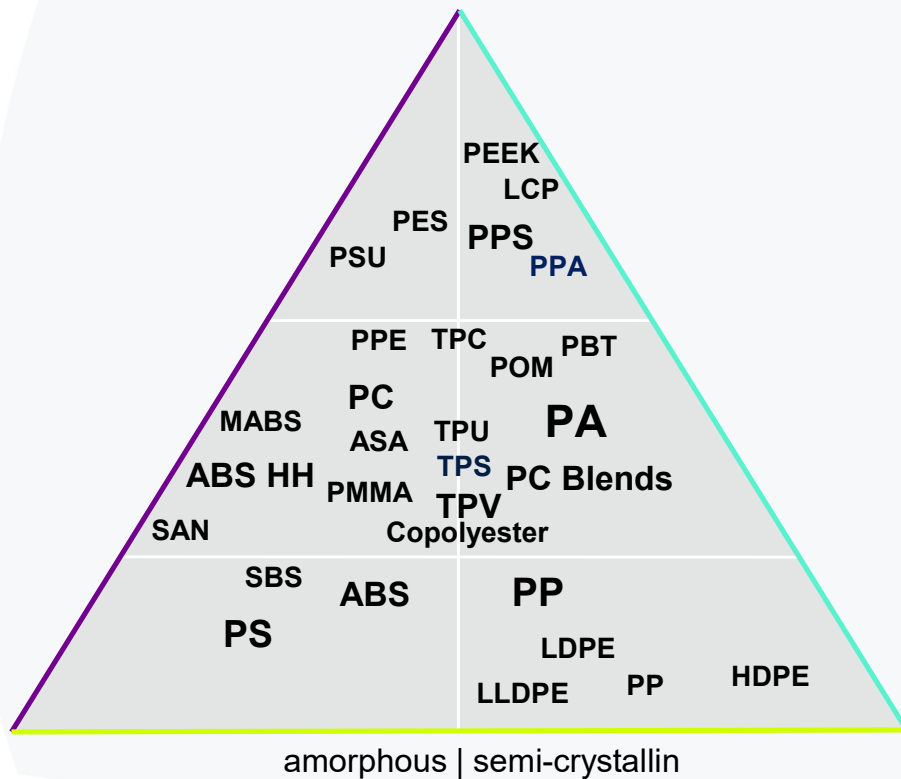
- MOCOM, Changshu, CN

Americas

- MOCOM, Duncan, SC, USA



Product Portfolio



SPECIALTIES

- ❖ Alcom[®]
- ❖ Alcom[®] MED
- ❖ Alcom[®] 3D
- ❖ Tedur[®]
- ❖ Cellidor[®]
- ❖ Alcolor[®]
- ❖ Alperform[®]

ADVANCED PRODUCTS

- ❖ Altech[®]
- ❖ Altech NXT PP[®]
- ❖ Alfater XL[®]
- ❖ Shelfplus[®] O₂

RECYCLING

- ♻️ Altech[®] ECO
- ♻️ Altech[®] IQ
- ♻️ Alfater XL[®] ECO

Technical Service Center

**Expertise
from
design
to
series
production**

Material Selection

Best material fit for your application

Design Support

Product-specific design support, incl. structural analysis and molding simulations

Processing & Process Optimization

Technical support for processing our materials – also on-site!

Product Development & Testing

Taylor-made product and color development based on your requirements



Market Expertise - We Understand Your Business



Automotive



Home & Garden



Electrical & Electronics



Healthcare



Industrial



Sports & Leisure

Our Business Development Managers and Product Specialists are working daily with customers to match application requirements with product properties finding the best material solutions.

We cover with our product portfolio various market segments and display here some typical applications as reference and inspiration for designers and material experts.

For more information refer to...

www.mocom.eu

info@mocom.eu

Innovative Specialties Performing For You

Specialty
products
for
ambitious
applications

- ❖ Alcom®
- ❖ Alcom® MED
- ❖ Alcom® 3D
- ❖ Tedur®
- ❖ Cellidor®
- ❖ Alcolor®
- ❖ Alperform®



Light Diffusion



Wear & Friction

❖ Alcom®



Thermal Conductivity



High Precision

Reflector For Front And Backlights



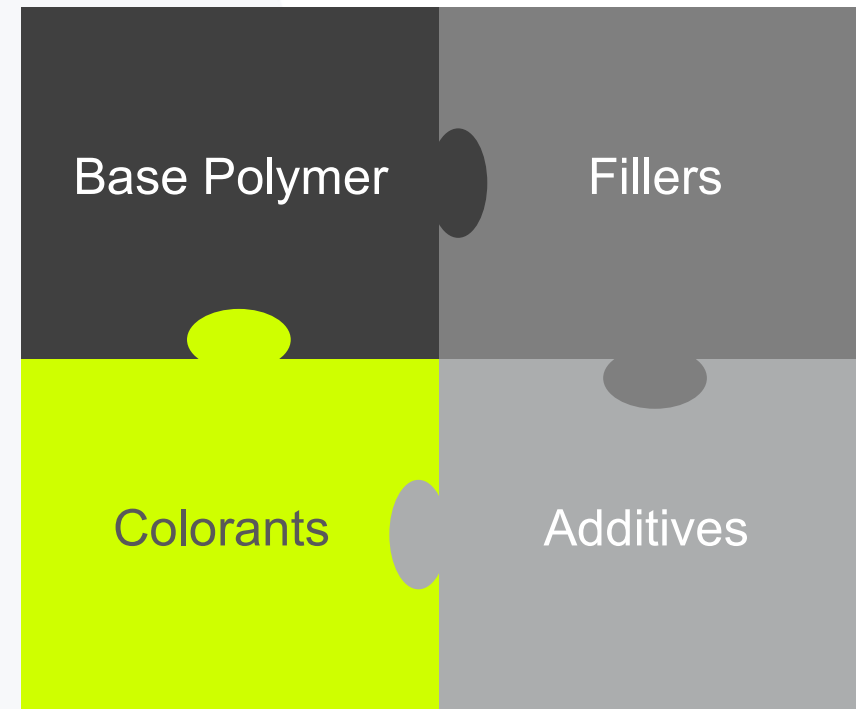
- PORSCHE, CITROEN, RENAULT
- **ALCOM PWL 10/1.1 WT1302-05LB**
- Material Solution
 - High light reflection
 - No leaking of light into neighboring chambers
 - Vaporizable with aluminum
 - High thermal stability
 - Design upgrade



Altech – Customized For You



- Altech thermoplastic compounds are specifically tailored to fulfill highly individual customer requirements
- >3,000 formulations with numerous reinforcements and modifications available based on PA6/6.6, PP, ABS, PBT, PC, PC-Blends, etc.
- By using our modular/ toolbox system, DOEs and experience we can develop additional compound variants according to our customer needs fast & flexible
- Altech compounds can be delivered in many different colors and tints, also with specially matched customer colors



Altech – Customized for you

❖ Altech®

Material selection

High performance Altech NXT PP replacing PA6

Benefits:

- Lower density, cost effective
- Excellent mechanics
- Less moisture uptake
- Better dimensional stability

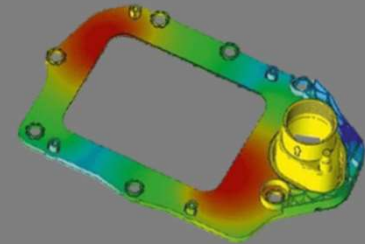


Design support

Moldflow simulation with Altech material data

Benefits:

- Moldflow simulation and FEM
- Tool design support
- Molding trials



Global production specifications

Standardized machinery and certified labs worldwide

Benefits:

- Global material specifications
- Localized production (SCM, CO₂)
- Regional customer support and tech-service



Color matching

Consistency over time/ product life cycle

Benefits:

- Perfect & steady color, batch-to-batch
- RAL and pantone colors worldwide
- Customer colors according to sample
- Laser-marking grades available



Tailgate Handle With VW-Logo

- Volkswagen
- **ALTECH NXT PP GF35 blk**
- Material Solution
 - Substitution PA6 GF30
 - Weight reduction of 18%, hence better CO2-footprint
 - VW 44045 \$5.14 resistance to aging 1000h @150°C
 - Good UV-resistance
 - Fulfills requirements of PV 3930/3929 (Florida/ Kalahari)
 - Cost saving for final part

❖ Altech NXT PP®



Altech ECO – Near-To-Prime®

ALTECH – PA6/66, PP, ABS, PC, PC-Blends

- Prime polymer, filler, additive, color customized
- Ultimate performance/ quality/ portfolio

ALTECH ECO – PA6/66, PP, PC

- Post-Industrial Recycling (PIR) polymer, filler, additive, colors
- ECO = Near-to-Prime® performance/ quality, matching demanding specifications

ALTECH IQ – PA6/66, PP, ABS, PC-Blends

- PIR/PCR-polymer/ regrind, filler, additive, black
- IQ = Industrial Quality, less demanding, cost-critical

WIPELAST – PP+EPDM

WIPAFLEX – PP+PE+EPDM

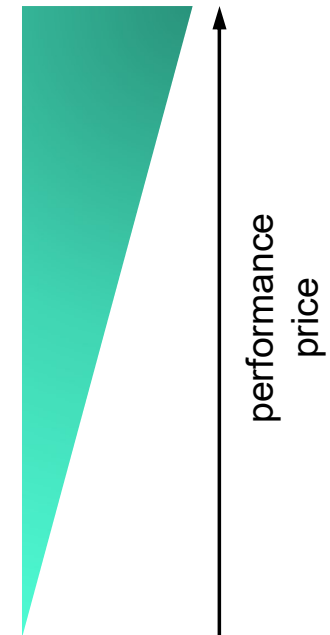
❖ Altech® ECO

❖ Altech®

❖ Altech® ECO
Near-to-Prime®

❖ Altech® IQ

WIPELAST
WIPAFLEX

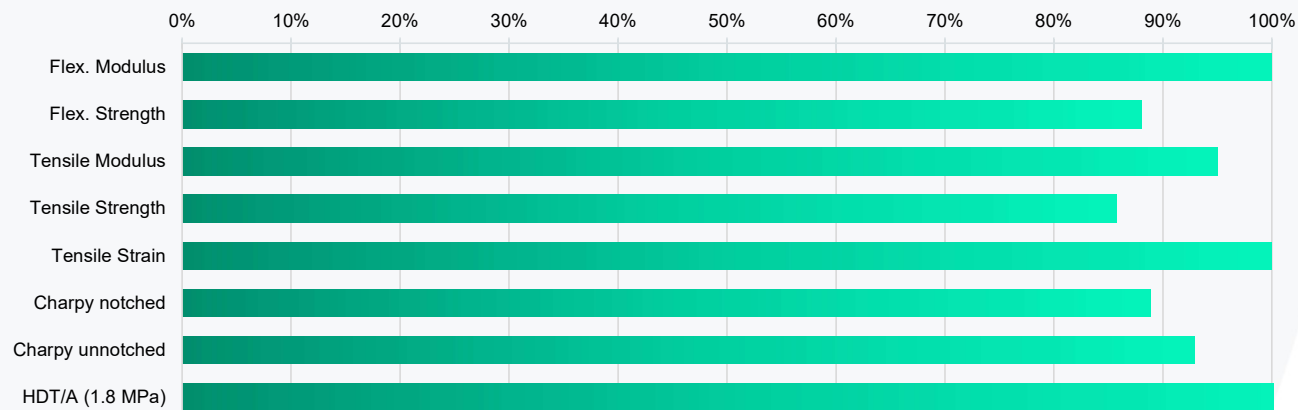


Altech ECO – Near-To-Prime®

■ ALTECH ECO

Utilising recycle to provide excellent cost/ performance ratio to reach demanding Auto and E&E specifications

ALTECH PA66 ECO 2030/310 vs. PA66 GF30 prime



Altech® ECO

Technical Data Sheet

ALTECH® ECO

MOCOM

ALTECH PA66 ECO 2030/310 GF30 IM

(Last update: 04.07.2012)

Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres
Special Features	high heat stabilised impact modified
Market Segment	Automotive, Machinery
Typical Applications	different automotive powertrain parts, housings, technical components

Drying Conditions	In a dry air (desiccant) dryer <80 °C for 2-12 h dependent on moisture content max. moisture content <0,12 %
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Processing Conditions	Injection moulding melt temperature 280-300 °C Injection moulding mould temperature 80-120 °C
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Storage	dry, protected from light
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Properties	Value	Dimension	Test Norm
Mechanical Properties			
Flexural modulus	8500	MPa	ISO 178
Flexural strength	245	MPa	ISO 178
Tensile modulus	9400	MPa	ISO 527
Tensile strength at break	190	MPa	ISO 527
Tensile elongation at break	9.7	%	ISO 527
Charpy impact strength 1eJ	75	kJ/m²	ISO 179/1eJ
Charpy notched impact 1eJ	11	kJ/m²	ISO 179/1eJ
Thermal Properties			
HDT / A (1.8 MPa)	250	°C	ISO 75-1/2
Dimensional Properties			
Shrinkage - longitudinal (24h)	0.3 - 0.5	%	ISO 294-4
Shrinkage - lateral (24h)	0.9 - 1.1	%	ISO 294-4
Physical Properties			
Density	1.300	kg/m³	ISO 1183

In general the tolerance of residual amounts of ferrous and non-ferrous metal cannot be completely ruled out in recycled feed stocks. In order to minimise potential negative effects of such impurities, ALB's employs extensive metal (and non-metal) detection and separation systems in the production of its ALTECH ECO compounds. However, even the highest product quality assurance processes cannot guarantee zero levels of ferrous and non-ferrous metal in the final product. To further reduce risk, customers are therefore advised to inspect their own detection and separation techniques. In particular, special measures are advised to be employed with the current task. For any questions or advice concerning development of parts with ALTECH ECO please please contact our TSC department.

These are guide values and not a specification. The test values mentioned are representative values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions.

Any information given on the chemical and physical characteristics of our products, including, without limitation, technical advice on

ALB's Plastic Hamburg

Phone: +49 (0) 40 78105-0

www.alb.com

TSC221-16

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Page 1 of 2

Sustainability & Corporate Social Responsibility

- Corporate Social Responsibility (CSR)
 - Environment
 - Labor Practices
 - Fair Business Practices
 - Sustainable Procurement
- #60 questions
 - Re-certification, July 2022
 - Valid, June 2023



ECOVADIS - WHAT WE DO

Reliable CSR Ratings and Scorecards Covering 21 CSR Indicators, 190 commodities and 150 countries,
Built on 3 Pillars: People, Process and Platform

Summary

- Compounding excellence, innovation & know-how is at our core.
- We offer market leading specialty and custom compounds and Near-To-Prime® recycling solutions.
- Global production network with a strong technical customer facing team, industry focused.
- Corporate Social Responsibility (CSR)
- Part of the OTTO KRAHN Group.

“MOCOM will build on our strong history of customer collaboration, utilizing over 50 years experience, to deliver a focussed and exciting future.”

Your challenge is our ambition.

MOCOM Compounds GmbH & Co. KG
Mühlenhagen 35
20539 Hamburg

T +49 40 78105 710
technical@mocom.eu

T +49 40 78105 720
sales@mocom.eu

www.mocom.eu

Follow us on **LinkedIn**

#MOCOM Compounds



MOCOM

We drive
compounding
excellence

Mit MOCOM beginnt eine neue Ära. Eine neue Marke mit starker Herkunft. Als ehemaliger Compoundeur der ALBIS PLASTIC erschaffen wir eine Vielfalt thermoplastischer Polymere für kundenspezifische Materialanforderungen.
www.mocom.eu

DISCLAIMER

Note:

Any information given on the chemical and physical characteristics of our products, including technical advice on applications whether verbally, in writing or by testing the product, is given to the best of our knowledge. However, this information is given without obligation and does not exempt the buyer from carrying out own investigations and tests in order to ascertain the product's specific suitability for the purpose intended. The buyer is solely responsible for the application, utilization and processing of the products, and must observe the laws and government regulations and the consequential rights of any third party. At all times our Conditions of Sale apply. Our product lists include dangerous goods. The correct marking of such goods is described in the respective data sheets.