



# UBE Composites Europe

CUSTOM COMPOUNDS



UBE Composites Europe

01

# UBE GROUP

Who are we?



**UBE**

**01 UBE GROUP**  
WHO ARE WE?



**1897**

FOUNDATION



**7563**

EMPLOYEES



**51**

GROUP  
COMPANIES



**€61 MM**

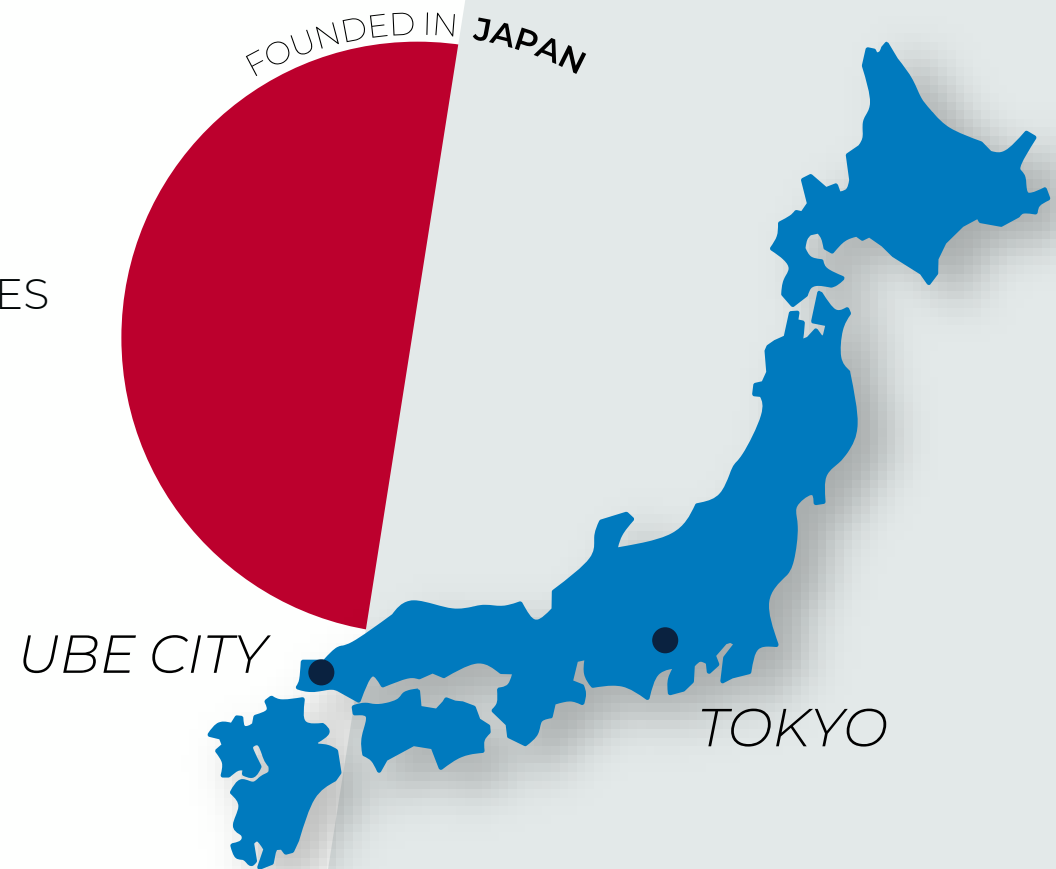
R&D  
EXPENSES

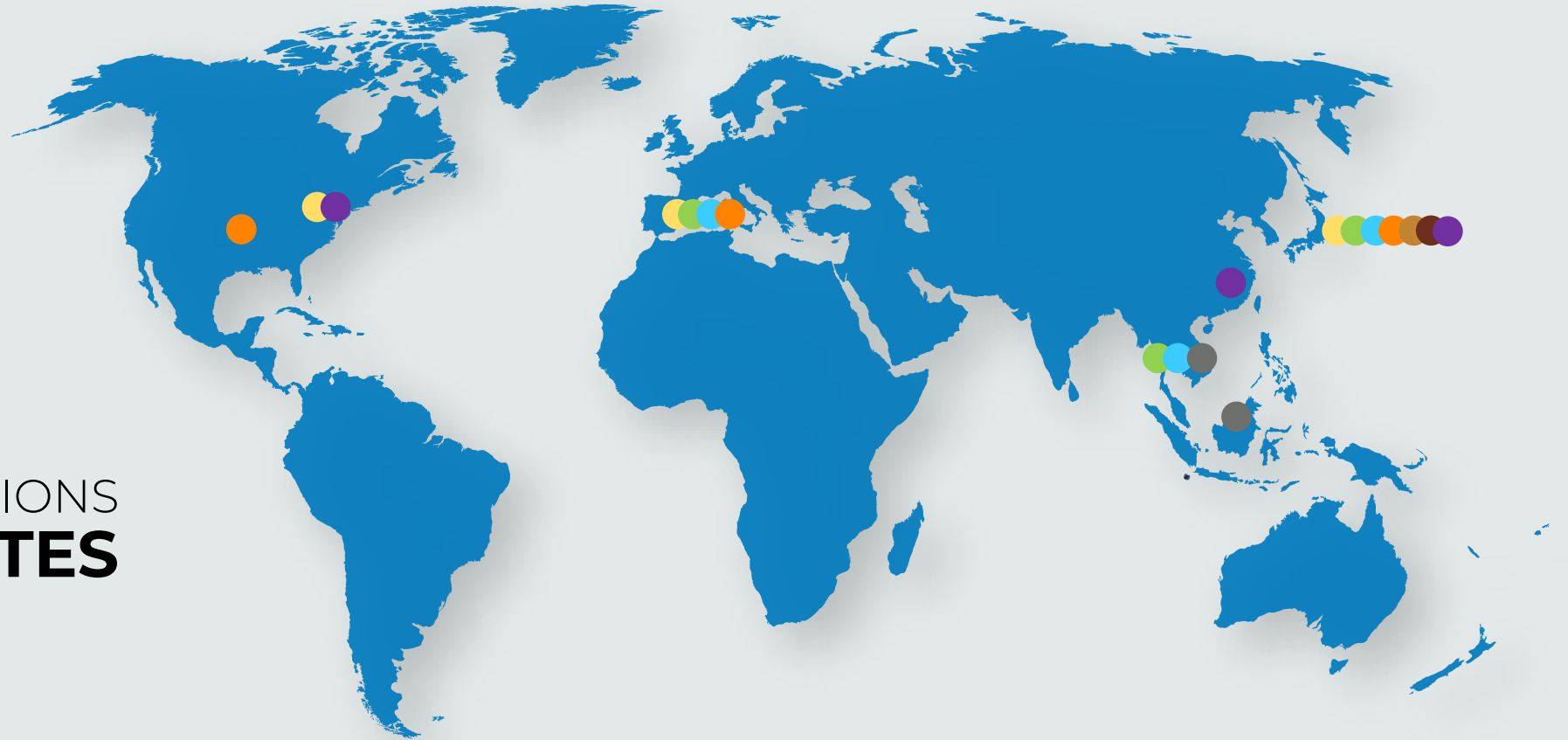


**€2974 MM**

TURNOVER

# WHO **WE** ARE





**UBE**

MAIN PRODUCTIONS  
**SITES**



PA  
compounds



PP, PBT, PC, ABS...  
compounds



Recycled content  
compounds



PU precursors  
& TPU



Battery M.



Polyimides



Tyranno fibres



Machinery



Synthetic rubber



**UBE**

UBE COMPOSITES EUROPE FACILITIES  
IN ALMAZORA (SPAIN)

PRODUCTION AND R&D IN  
**EUROPE**

**UBE**

UBE Composites Europe

02

# UBE COMPOSITES EUROPE

CUSTOM COMPOUNDS





Dinalon®



Dinadur®



Dinaplen®



Dinaxan®



Dinarex®



Dinaform®



Dinacryl®



Dinastyr®



Dinablend®



Dinadur®

**UBE NYLON®**  
PA6 & CoPA

**UBESTA®**  
PA12

OUR  
BRANDS

# Tailor-made solutions



Flammability

UL Certifications, halogen free FR,...



Appearance

Custom colours, RAL/Pantone, aesthetic effects, transparency...

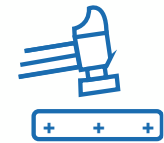


Reinforcements

Glass or carbon fiber, glass beads, mineral filler



UV/Heat stabilization



Impact

Dry, medium, high



Electrical & antistatic conductivity

High CTI materials



Low friction



Hydrolysis resistance



Recycled versions

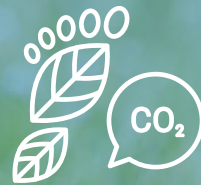
Multiple grades with a % of recycled content

# Main sectors





## RECYCLED MATERIALS




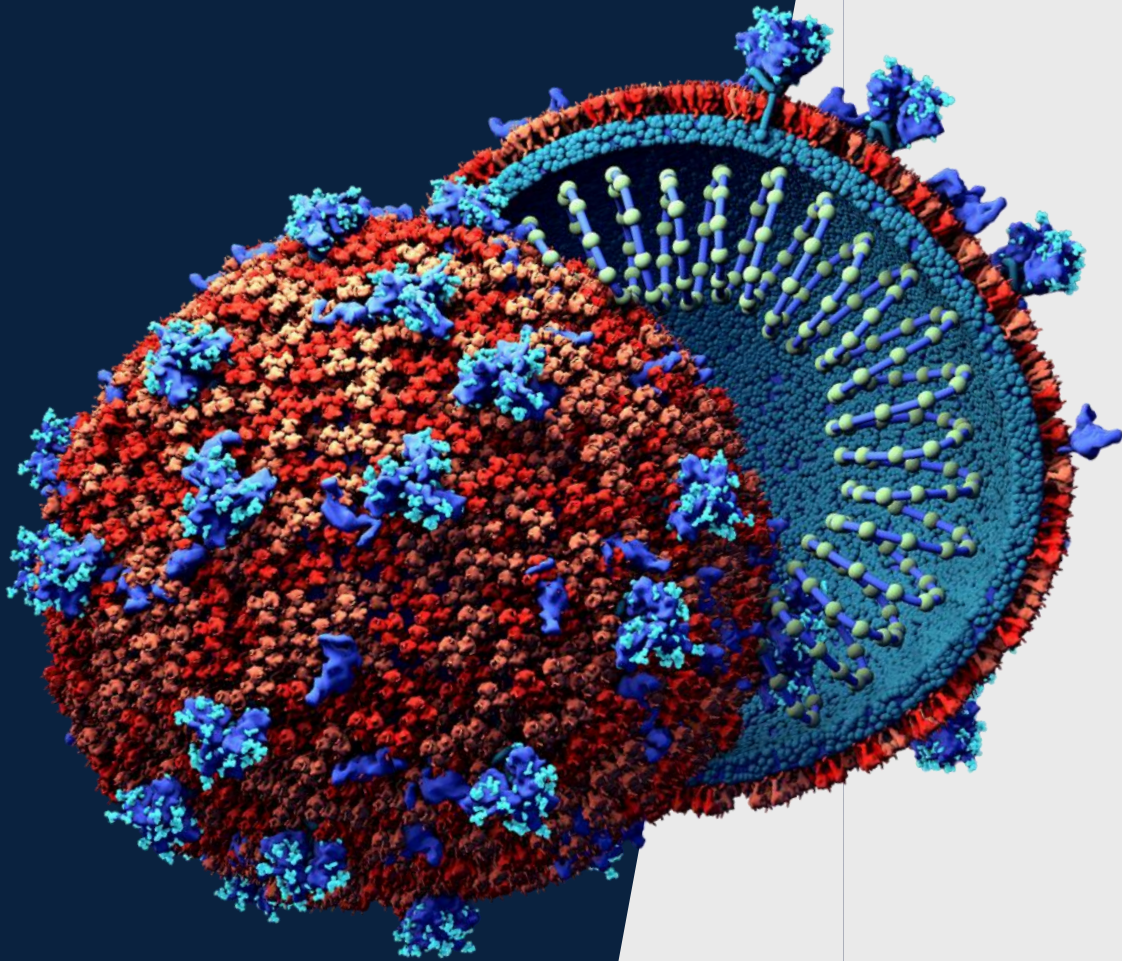
### FOOTPRINT REDUCTION

Ask for PCF value of our materials

# Recycled material

UBE THERMOPLASTICS WITH **RECYCLED** CONTENT

FAMILY	GRADE NAME	AENOR CERT.	RECYCLED CONTENT	 CARBON FOOTPRINT*
<b>PA6.6</b>	■ Dinalon® A2X25 MI H-4109	✓	≥30% >>>	3,47
	■ Dinalon® A1E25 DI H-4109	✓	≥45% >>>	3,80
	■ Dinalon® A1E25 HP-4402		≥35% >>>	
<b>PA6</b>	■ Dinalon® B2E25 G20DI-4115	✓	≥30% >>>	2,39
	■ Dinalon® B1E25 G30 HUV-9003	✓	≥30% >>>	
	■ Dinalon® B1E25 G30 HS-4182	✓	≥30% >>>	
	■ Dinalon® B1E30 G30-6171	✓	≥65% >>>	
	■ Dinalon® B1E25 G45 UV-4121	✓	≥25% >>>	2,10
<b>PP</b>	■ Dinaplen® PPH1E10 M403-4106		≥30% >>>	
	■ Dinaplen® PPC1E15 G30-4137		≥50% >>>	
<b>PC</b>	■ Dinaxan® PC1E25 UV-9010		≥30% >>>	



# ANTIMICROBIAL THERMOPLASTICS

Permanent protection for all plastic solutions



Permanent



All microorganisms



Odourless



Encapsulated



Hospital furniture, Textiles, Public vehicle seats, Packaging...

# UL Yellow card

GRADE DESIGNATION	BASE POLYMER	TRADENAME	FILE NUMBER	COLOR	MIN. THICK (mm)	FLAME CLASS
<b>A1S25 G25PVO H-4108</b>	Polyamide 6/6 (PA6/6)	DINALON ®	E175125	BK	0.8	V-0
				BK	3.0	V-0
<b>A1X25 G30VO</b>	Polyamide 6/6 (PA6/6)	DINALON ®	E175125	BK	0.75	V-0
<b>A1X25 V0</b>	Polyamide 6/6 (PA6/6)	DINALON ®	E175125	ALL	1.4-1.6	V-0
				ALL	1.7	V-2
				ALL	3.0	V-2
				ALL	3.0	V-2
<b>B1X25 G 30PVO H</b>	Polyamide 6 (PA6)	DINALON ®	E175125	NC, BK	1.5	V-0
				ALL	1.5	V-0
<b>B1X25 G30VO</b>	Polyamide 6 (PA6)	DINALON ®	E175125	ALL	3.0	V-0
				ALL	3.0	V-0
<b>B1X25 V0</b>	Polyamide 6 (PA6)	DINALON ®	E175125	ALL	0.45	V-0
				ALL	0.75	V-0
				ALL	1.5	V-0
				ALL	3.0	V-0
				ALL	3.0	V-0
<b>B1X25 YV0 H-4113</b>	Polyamide 6 (PA6)	DINALON ®	E175125	BK	0.8	V-0
				BK	3.0	V-0
<b>PC1S10 G10VO H-4287</b>	Polycarbonate (PC)	DINAXAN®	E175125	BK	1.6	V-1
<b>PBT1S25 G30YVO H</b>	Polybutylene Terephthalate	DINADUR®	E175125	BK	3.2	V-0
				ALL	0.4	V-0
				ALL	0.8	V-0
				ALL	1.6-1.8	V-0

# SECTORS

Mobility, E&E, Energy &  
Construction



1

# Mobility



Passenger cars

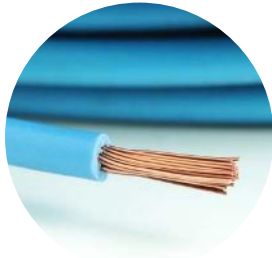


Commercial vehicles



Train

# PASSENGER CARS



SEAT HEATING

**DINALON** (PA 12)  
D1U20 V2-0142



UNDERBODY  
COVER PANEL

**DINALON** (rPA 6)  
B2E25 G20DI-4115

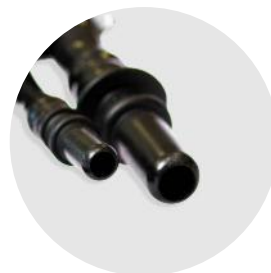
 Recycled version



STARTER  
MOTOR

**DINALON** (PA 6.6)  
A1X25 G30V0-4129

# PASSENGER CARS



## FUEL LINES

**ECOBESTA 9T NEXT**  
UBE NYLON 1024IU1 (PA 6)  
UBESTA 3030LI6 (PA 12)



## QUICK CONNECTORS

**UBESTA (PA 12)**  
3024GU6L1  
  
**DINALON (PA 6.6)**  
A1X25 G30 HHY-4399



## TANK VALVE

**UBE NYLON (PA 6)**  
1013ASX24/25  
1013GUSX2/3

# PASSENGER CARS



HIGH VOLTAGE  
CONNECTORS

**DINALON** (PA 6)  
B1X25 G30V0-H-2003



FASTENERS

**DINALON** (rPA66)  
A1E25 DI H-4109

 Recycled version



BUSBAR

**UBESTA** (PA 12)  
XJ2502K02

# PASSENGER CARS



EV CHARGING  
PLUGS

**DINADUR (PBT)**  
PBTIS25 G30V0 H-4198



ENGINE COMPARTMENT  
FUSE BOX

**DINALON (PA 6)**  
B1S25 G30V0

# PASSENGER CARS



## COOLANT LINES

**UBESTA (PA 12)**  
3030LI3

**ECOBESTA-PP**  
UBESTA 3030JI6L (PA 12)



## QUICK CONNECTORS

**DINALON (PA 6.6)**  
A1E25 G30 HHY-4399

■ Recycled version

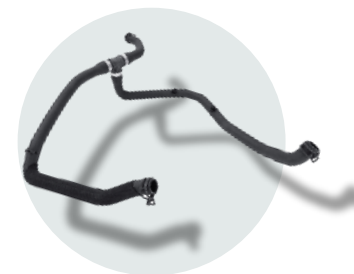
**37% CO<sub>2</sub>**  
Footprint reduction

# COMMERCIAL VEHICLES



AIR BRAKES

**ECOBESTA LITE**  
UBE NYLON 1024JIU (PA 6)  
UBESTA 3030LI6 (PA 12)



COOLANT  
SYSTEMS

**UBESTA (PA12)**  
3030LI3



CORRUGATED  
TUBES

**DINALON (PA 6)**  
B1S35 V2-0185

# TRAINS



INNER APPLICATIONS

CORRUGATED TUBE

**DINALON** (PA6-6.6)  
C1X30 G30V0 H-4381

**UBESTA** (PA 12)  
3030SI

2

E&E



Industrial



Home appliance

# HOME APPLIANCE



TELEVISION

**DINAXAN** (PC)  
PC1S10 VO UV-4246



VACUUM CLEANER

**DINALON** (rPA 6)  
B1E25 G30 HUV-9003



FOOD PROCESSOR

**DINALON** (PA 12)  
D1S35 G50MI H-9005

# INDUSTRIAL



ELECTRICAL BOX

**DINAXAN** (PC)  
PC1S25 UV-7035  
PC1S20 UV-5213



PLUG

**DINALON** (PA 6)  
B1S25 V2-7035



# PBT Dinadur PBTIS25 G30YV0 H

with top tracking resistance (CTI)  
and insulation properties



High insulation

600V

Tracking resistant (CTI)



Highly suitable for  
colouring



Great flowability



Flame-retardant



Toughness

UL-94 (E175125)  
V0 at 0.4-0.8-1.6mm

3

# Energy

Power generation  
& Storage for solar

# POWER GENERATION & STORAGE



SOLAR PANEL  
BEARINGS

**DINALON (PA6.6)**  
A2S25 G30-4101

**DIFORM (POM)**  
POMC3S09-0080



EV CHARGER  
COMPONENTS

**DINALON (PA6)**  
B1X25 YV0 H-4115  
B1X25 G30PV0 H-4115



SOLAR BOX

**DINAXAN (PC)**  
PC1S20 V0 UV- 5218

4

## Construction

Windows, curtains,  
fasteners, pool & garden,  
heat & cooling, tools...

# DISTRIBUTION



WATER  
PUMPS

CORRUGATED  
TUBES

**DINALON** (PA 6)  
B1S25 G30 H-4117  
B1X25 G30 EHUV-4121

**DINAPLEN** (PP)  
PPH1S02 V2 UV-7035

Drinking water certificate