

ADDIPLAST GROUP
EN MATIÈRE D'INNOVATION

YOUR COMPOUNDER OF CUSTOM ENGINEERING THERMOPLASTICS & MASTERBATCH EXPERT



PRODUCTION TECHNOLOGY

TOLL COMPOUNDING

SCALE UP

**You are chemists, distributors?
You need temporary or for a
long term toll compounding
cooperation?**

Our machine park will answer most certainly to one of your subcontracting needs, all data exchange will be covered by a confidentiality agreement.

**You are looking for a partner
able to industrialize your
development ideas?**

**You already produce a
formulation internally and now,
you are looking to outsource?**

Addioplast Group offers you its engineering skills and expertise in processing technical thermoplastics compounds. We handle your material production and logistics.

**You are looking for an industrial
production batch?**

Our diversified extrusion lines are well adapted for a perfect scale up from sample to large volume :

- From R&D (5kg to 300kg/batch)
- To pilot production line (1T to 4T/batch)
- To industrial production line (>5T to 350T /batch)



E N M A T I È R E D ' I N N O V A T I O N



TECHNICAL COMPOUNDS
Addiplast



MASTER BATCHES
Addikem



COLOR MASTERBATCH
Addicolor

PERFORMANCE

Compounds & Masterbatches
on a global scale

MISSIONS

ADDIPLAST GROUP Production Units, dedicated to excellence, quality and formulating technico-economical solutions for the most demanding compounds & masterbatches projects.

ADDIPLAST SITE -> 6 PRODUCTION LINES

- Co-rotating twin screw extrusion line COPERION from Ø40mm to Ø92mm from 100kg to 1500kg/h
- 2 underwater pelletizing & strand granulation production lines

ADDICOLOR SITE -> 4 PRODUCTION LINES

- Co-rotating twin screw extrusion line COPERION from Ø35 mm to Ø 70 mm from 100 kg to 1500 kg/h
- PET post crystallization process

MORE PERIPHERAL DEVICES AVAILABLE ON REQUEST

- Melt filtration system
- Gear pump
- Nitrogen gas capacity
- Anti-tack powder on line
- Drying on line
- Liquid treatment effluent
- Process water recycling
- Post blend capacity

GRAVIMETRIC FEEDER

- Powder, pellets, fibers, microbead dosing
- Piston pump for standard liquids (capacity: untill 190 l/h)
- Gear pumps for high viscosity liquids



Additional services

- Industrial service with technical assistance
- Devolatilization
- Homogenization
- Drying
- De-dusting
- Powder blending

PRODUCTION, CO-DEVELOPMENT & OPTIMIZATION

French compounder and masterbatches expert Addiplast group combines flexible production technologies with expert R&D capabilities to deliver innovative formulations for global clients.

PRODUCTION MEANS

Three production sites in France, two in Saint Pal de Mons, south of Lyon and one in Villers Saint Paul, close to Paris with a combined capacity of around 40,000 tons.

Addiplast site is equipped with co-rotating twin screw compounding extruders; Addikem facility operates Buss co-kneaders. All are IATF 16949 & ISO 14001 certified.

ADDIKEM SITE ->

3 PRODUCTION LINES

- 2 co-kneaders BUSS from Ø70mm to Ø140mm from 200kg/h to 1500kg/h
- 1 co-rotating twin screw MARIS extrusion line with underwater pelletizing (300kg/h)

TECHNICAL EXCLUSIVITY:

2 types of pelletizing systems!

- under spray water cutting
- underwater pelletizing + gear pump

CUSTOMER BENEFITS:

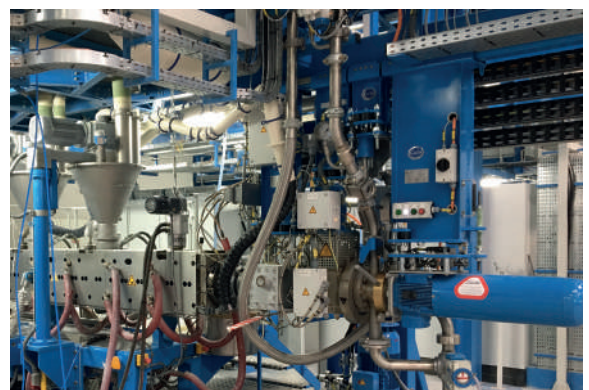
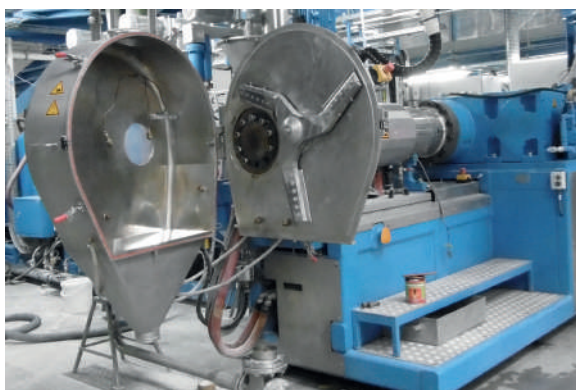
- Uniform, moderate shear rates
- Precise temperature control
- Limited damage to polymer,
- Fibers and highly-structured fillers

ADVANTAGES:

- quick & flexible
- a system which allows processing a large range of polymers with different viscosities while keeping co-kneader unique features



Company's recent investments in co-kneaders designed to enable production of highly-filled compounds (with filler contents up to 80%) and production of temperature-sensitive technical materials, including but not restricted to fluoropolymers.



COMPOUNDS & MASTERBATCHES EXPERTISE ON A WIDE RANGE OF POLYMERS

Styrenics		Polyolefins		Polyamides		Polyester		Polycarbonate	Polyacrylates		Other specialities	
ABS	ASA	PP	PE	PA	PA6	PET	PET-G	PC	PMMA	SMMA	PVDF	PARA
SAN	MABS	EVA		PA66	PA10	R-PET	PBT				P0K	PPS
PS				PA11	PA12	PLA						
				PEBA	PPA							

"Tailor made compounds for automotive, cosmetics, medical, the electrical and electronics industries, and toll manufacturing under NDAs for end-users or big players such as petrochemical firms. That's been the DNA of Addiplast for more than 30 years"
says Addiplast Group CEO Denis Chantegraille.

Find out more at

www.addiplast-group.com



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