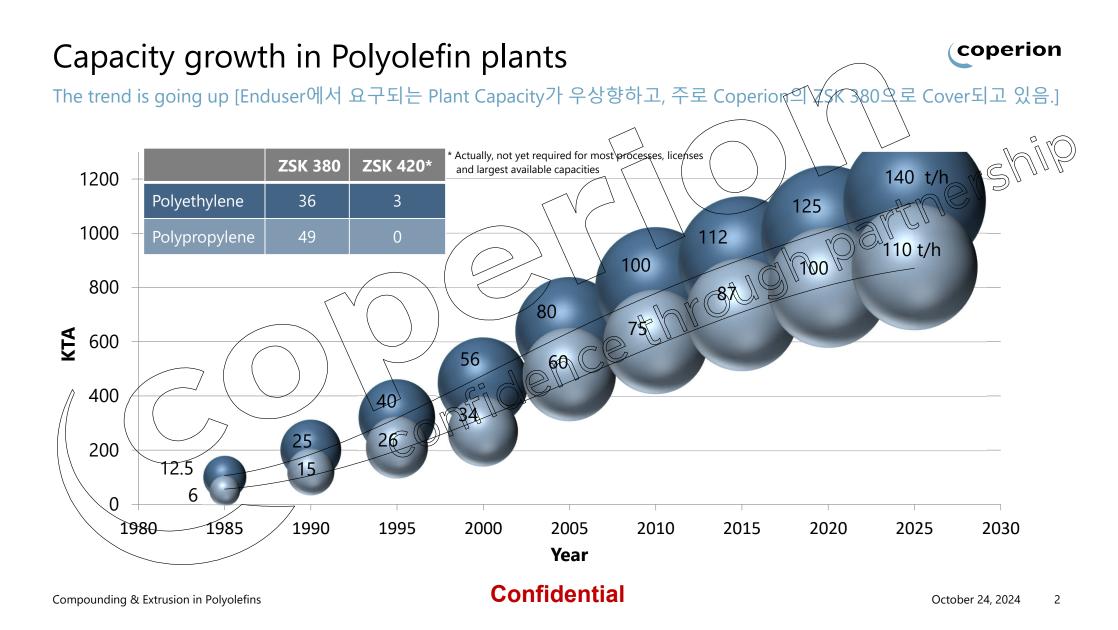
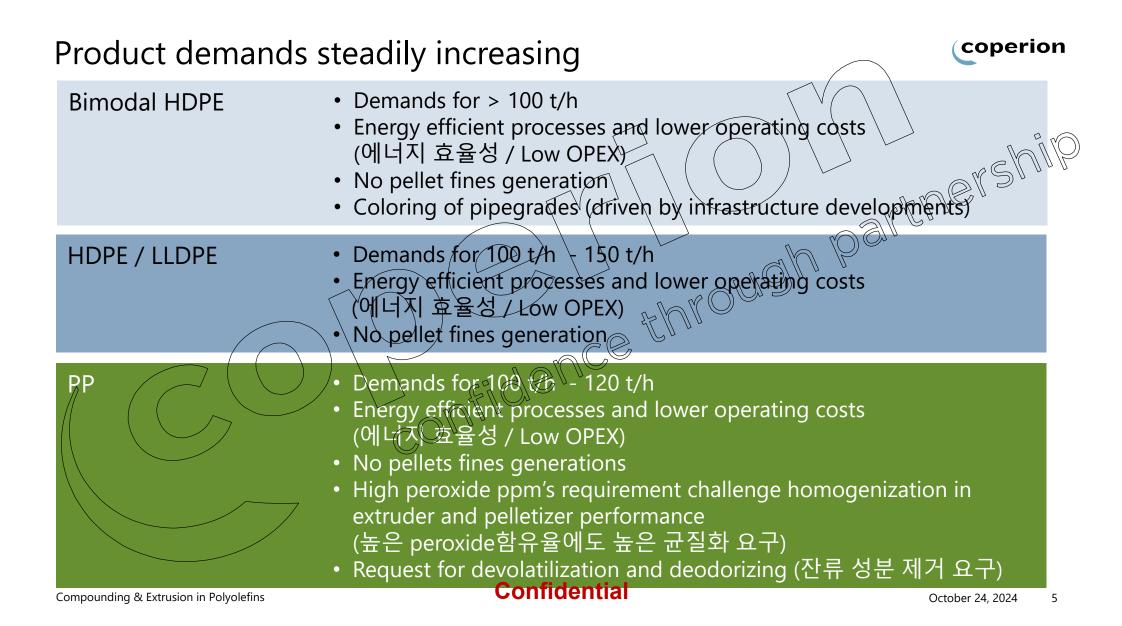
## coperion

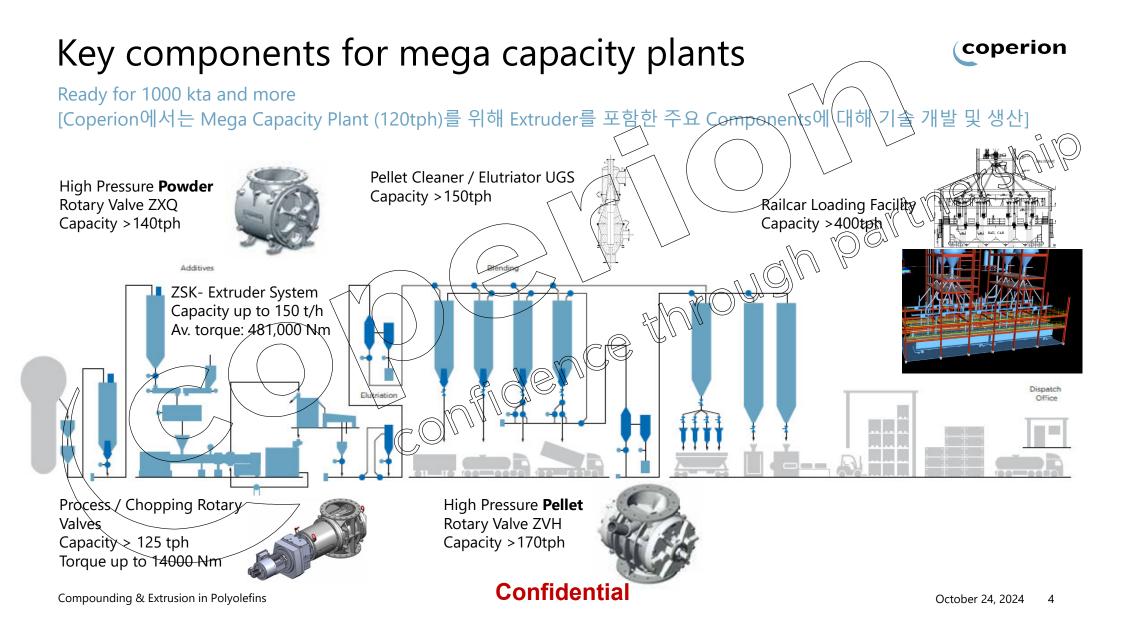
# Latest Developments in Polyolefin

Øverview

Clark Son (Jihyung Son) / Deputy General Manager









Compounding & Extrusion in Polyolefins

Confidential

# COPERION's differentiators on the market [

COPERION could provide unique advantages for the customers

#### **Coperion Lean Concepts:**

- Holistic optimizations downstream the reactor [Reactor 후단의 전반적인 효율화]

 Saving potentials in space, building, equipment, CAPEX/OPEX, ....

#### Quality / Reliability:

 Increase of overhaul cycles through tech. features
 → 98% onstream (proven data)

 Monitoring systems
 Emergency spares stock

 Energy Savings:

e.g. pressure reduced discharge
@ Diehead housing / Screen Pack ....

- Optimited screw profiles by improvement

Also/as retrofit

15 MM

Highest capacities: - actually: 1000 kta for PE, 750 kta for PP

Equipment for even high capacities available

- "Economy of scale"

#### **Color Change:**

70 Min

120 Min

180 Mir

210 Mir

50 Min

- Colored pipe grades on one line "due to self<sub>2</sub>cleaning" "With process guarantee" "No waste, all prime-product

#### **Unique technical features:**

- e.g. non-distructive clutch (Gear Box Protection / EKW)

- on-line filter screen (Consequencial Operation)

- Superpositioning gearboxes, ....

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# Thank you very much for your attention.

You're very welcome to follow us.

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