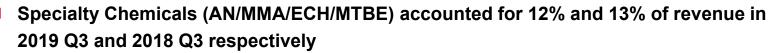
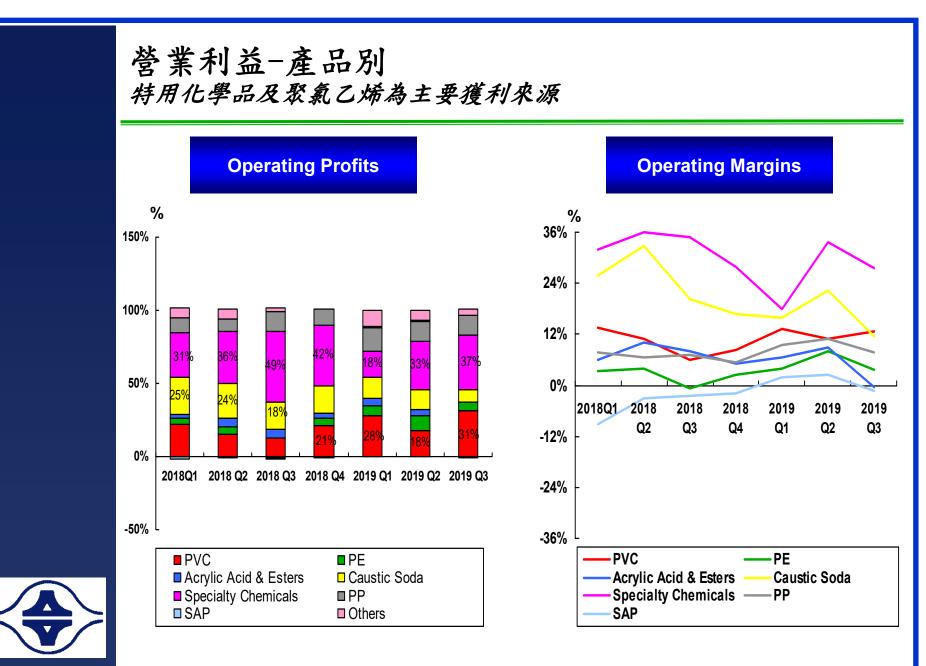


PVC accounted for 23% and 20% of revenue in 2019 Q3 and 2018 Q3 respectively PE (HDPE/EVA/LLDPE) accounted for 17% and 17% of revenue in 2019 Q3 and 2018 Q3 respectively



Revenue in 2019 Q3 fell 13.4% from 2018 Q3, mainly due to decreasing ASP of all products except for ECH and decreasing sales volume of AE, HDPE, SAP, MTBE and PP





Note : Specialty Chemicals include AN, MTBE, MMA and ECH

產能擴充計畫

1. Ningbo, China (Total investment US\$ 812 mn)

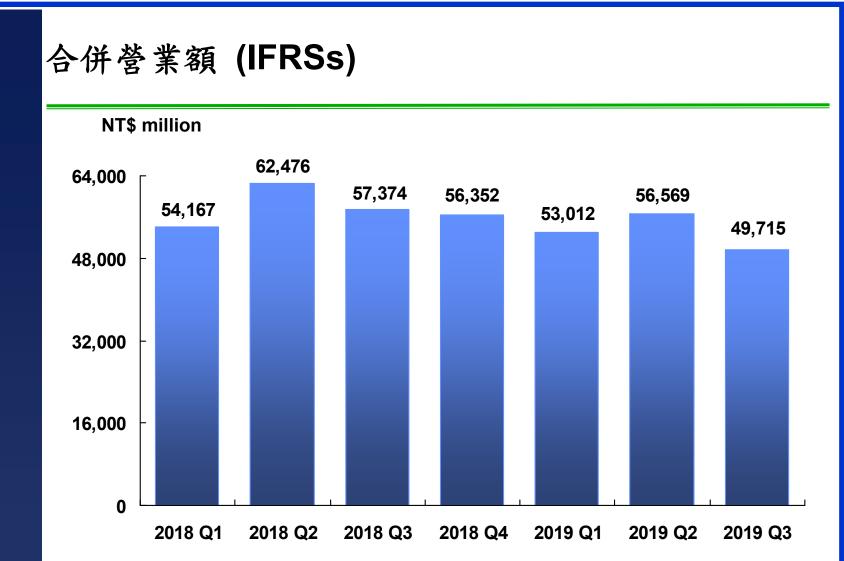
Main Products	Current Capacity (p.a.)	Expansion (MT/p.a.)	Completion Date	Capacity Increase (%)
PP	492KMT	30KMT	2019Q4	6.1
Propylene*	-	600KMT	2021Q3	100.0
SAP	90KMT	10KMT	2020Q1	11.1
AA	320KMT	10KMT	2019Q4	3.1

*Note: PDH (propane dehydrogenation) process.

2. Linyuan, Taiwan (Total investment US\$ 5.6 mn)

Main Products	Current Capacity (p.a.)	Expansion (MT/p.a.)	Completion Date	Capacity Increase (%)
PVC	1,265KMT	37KMT	2020Q1	2.9







Revenue fell 12.1% in 2019 Q3 from 2019 Q2 mainly due to lower utilization rate in 2019 Q3 and decreasing ASP of Caustic Soda AN, MMA, AE, PE and PP

