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Neste Statoil

Phillips 86

PE

1990 ~ 1995

PE

16

14

, PP

16

13

PE 1%

3~4

PP

10

Neste Statoil

1994 Neste Statoil

가

Neste Statoil

Exxon, Dow, Himont, Quantum

5

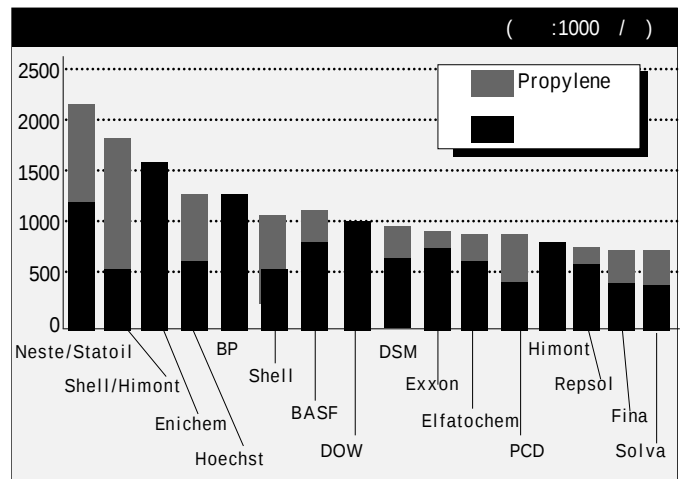
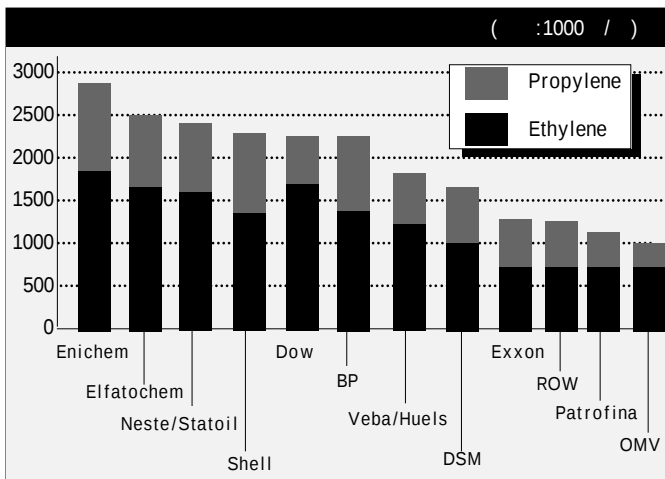
152

93

, PE 147

, PP 65

250



가

Compounds

Al Jubail,

Kuantan

PP

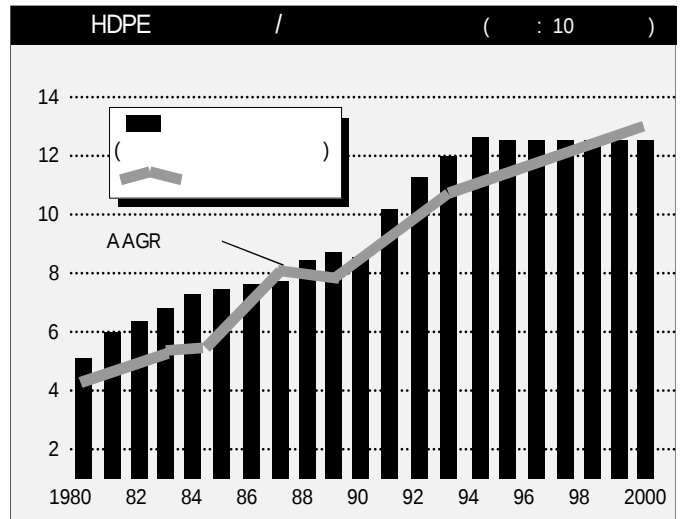
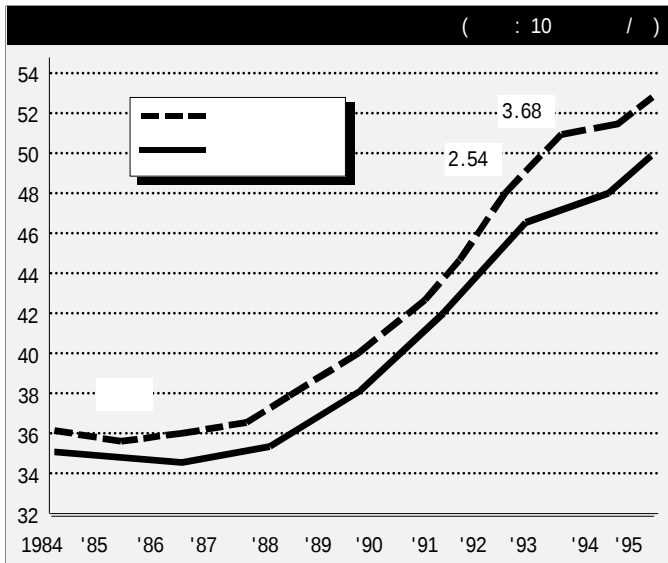
1992 PE/PP

Statoil

32%, EC 52%

16%

. Neste 150 가



up stream down stream 가

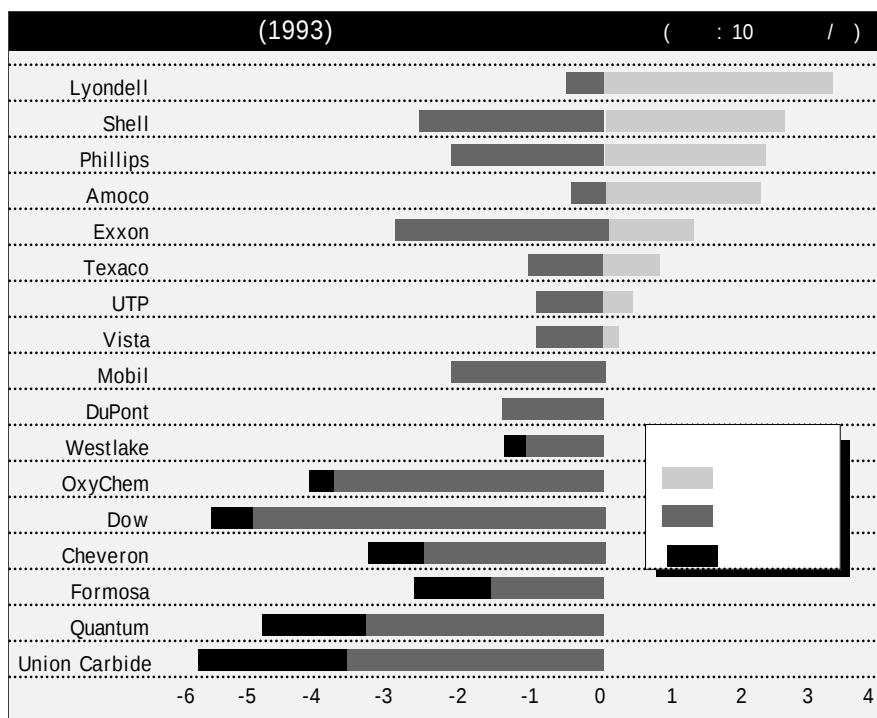
Statoil

Neste PS/EPS, PVC oxoAlcohol

Statoil 4

Alkyl Pipe Compounds Molding down stream

Neste



Phillips

Phillips가 PE

Phillips LDPE
upstream Sweeny

, Pasadena Houston Chemical
가

Neste/statoil (: 1000 /)		
Neste		
Antwerp	Ethylene	350,000
	Propylene	170,000
	LDPE	120,000
	BTX	81,000
	Cyclohexane	35,000
Amplepuis	Compounds	8000
Sines	Ethylene	330,000
	Propylene	130,000
	Butadiene	40,000
	LDPE	130,000
	HdPE	130,000
Porvoo	Ethylene	240,000
	Propylene	140,000
	Butadiene	20,000
	Benzene	110,000
	Phenol	100,000
	Acetone	60,000
	LDPE	200,000
	Polypropylene	150,000
Stockholm	Compounds	11,000
Stenungsund	LDPE	140,000
	LDPE	75,000
	HdPE	225,000
Beringen	HdPE	120,000
	Polypropylene	280,000
Staoi		
Bamble	LDPE	140,000
	HDPE	130,000
	Polypropylene	100,000
Noretyl	Ethylene	200,000
	Propylene	80,000
Antwerp	Propylene	200,000
	Polypropylene	100,000
Stenungsund	Ethylene	400,000
	Propylene	190,000
Hamburg	Compounds	20,000

Sumitomo PP

PE , 6 · 7 · 8 PE

6 7 91 6 10 가 ,
LDLPE(low density linear PE) 8

가 . Houston LLDPE

Phillips가 LLDPE

LLDPE 가

LLDPE (Processability) 가 8

가 0.920g/cm³

0.960g/cm³ linear PE

HDPE LLDPE

가 , Phillips

Phillips가 PE

90 75 PE Phillips 가 ,

460 HDPE

34%, HDPE 49%

PP . Phillips

Sumitomo Sumika Polymers America

34 PP

Phillips Sumitomo

Phillips Sumika Polypropylene Co(PSPC)

PP

middle-tier

94 , 95

Phillips

Compounding ope-ration

Phillips Houston Chemical

가 Sumitomo HDPE

. Phillips

Pulau Ayer Merbau

Petrochemical 가

Phillips 가