

EP

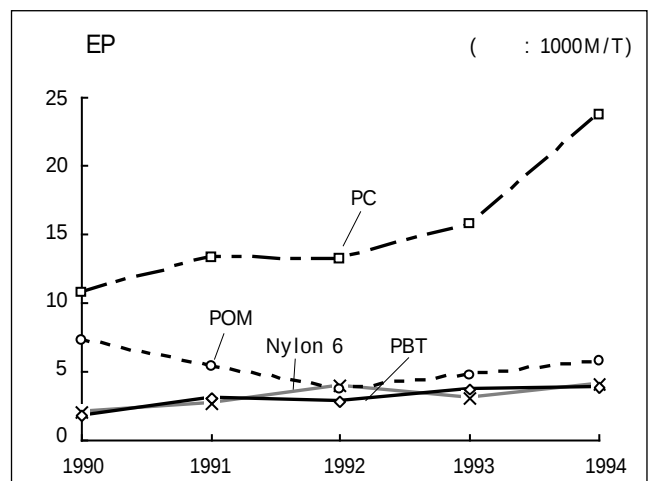
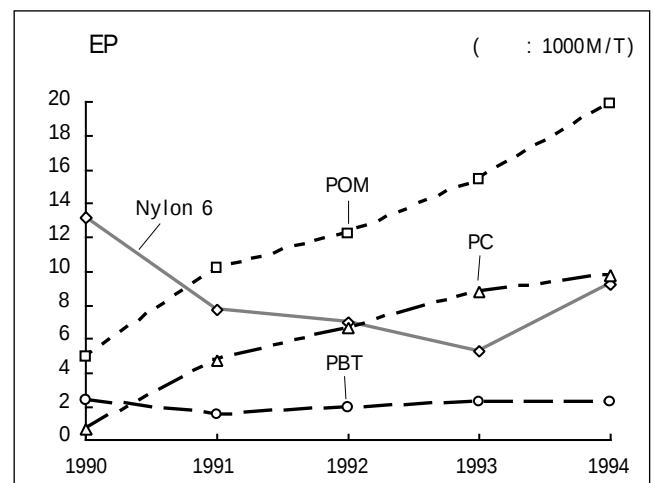
500Kg/cm2

가 100

가

5 Nylon (Polyamide, PA), PBT (Polybutylene Terephthalate), PC (Polycarbonate), POM (Polyacetal), MPPO (Modified Polyphenylene Oxide)

5 EP			
P B T	• (:225) • 90% • ALLOY -PBT / PC -PBT / PPO -PBT / ABS ALLOY	• / • 가 • CREEP	• (Warpage) • (가)
P O M	• 가 • Homo Copolymer • 가 • 가 • 가	• Creep	•
P A	• • -Polyamide 6, 66, 46, 610, 612, 1010	• / • 가	•
P C	• (:1/8inch) • Alloy -PC / ABS -PC / PBT Alloy	• Crack	•
MPPO	• 100% Alloy -PPO / HIPS -PPO / Nylon -PPO / PBT		•



Compounding

, Base resin Compounding, Alloy

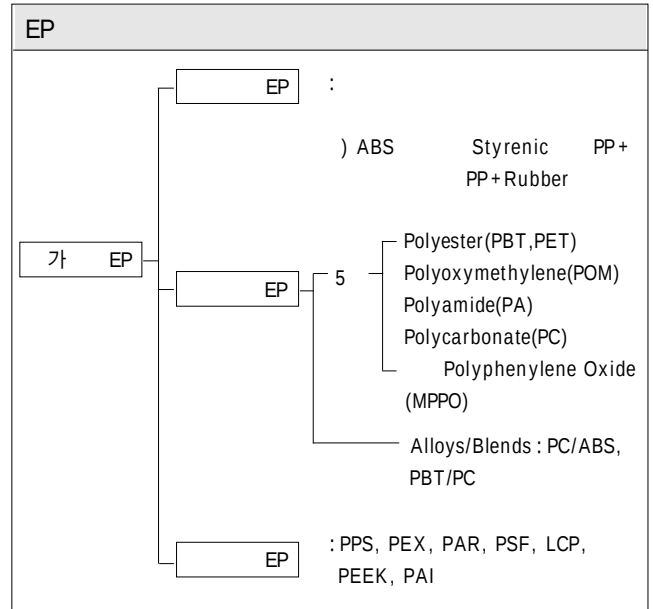
80

21

가
Nylon, PBT

가

EP			
1	1938 1948	Polyamide 60 Polyamide 6 PET	DUPONT I.G. I.C.I
2	1958 1961 1965 1966 1967 1970	Acetal Homopolymer PC Acetal Copolymer PPO PSF FR-PET MPPO PBT	DUPONT Bayer Celanease G.E. U.C.C Teijin G.E. Celanease
3	1971 1972 1973 1980 1982 1984	PPS PES PAR PEEK PEI LCP	Philips I.C.I Unitika I.C.I G.E. Dartco



Nylon PBT

80 90

가 GNP 5000 가

EP (: M/T, %)										
	1991		1992		1993		1994		1995	
Nylon 6	13,200	2.1	13,500	2.3	13,800	2.2	14,100	2.2	14,200	0.7
Nylon 66	7,500	13.5	8,600	14.7	9,700	12.8	10,600	9.3	11,800	11.3
PBT	13,400	9.2	14,600	8.9	15,800	8.2	17,800	12.6	19,400	9.0
PC	12,500	11.5	14,200	13.6	15,600	9.9	17,600	12.8	20,420	16.0
POM	17,900	2.5	18,100	1.1	18,800	3.9	19,400	3.2	20,000	3.1
MPPO	9,500	16.3	7,300	26.3	6,250	14.4	5,930	5.1	6,640	12.0
	74,000	6.5	76,300	3.1	79,950	4.8	85,430	6.9	92,460	8.2

Compounding System Alloy
가

