

## Effects of Asahi Flon-22 on plastic materials

10-day immersion x 50°C

Material	Weight change ratio (%)		Volume change ratio (%)		Outward appearance
	Immediately after	After leaving 7 days	Immediately after	After leaving 7 days	
Polyvinyl chloride (hard)	24	19	30 or higher	30 or higher	Swollen
Polyvinyl chloride (flexible)	-9	-15	-11	-17	Cloudy
Polyethylene (high pressure)	3	-1	8	-4	No changes
Polyethylene (low pressure)	2	-1	7	2	"
Polypropylene	6	-1	10	4	"
Polystyrene	-	-	-	-	Swollen
AS resin	-	-	-	-	"
ABS resin	-	-	-	-	"
Polymethyl methacrylate (Acrylic)	-	-	-	-	"
Polyamide (6 nylon)	0	-1	2	2	No changes
Polyamide (66 nylon)	-1	-2	6	2	"
Polycarbonate	29	16	26	12	Swollen
Phenol	1	-1	5	2	No changes
Epoxy resin	1	0	5	5	"
Modified poly phenylene ether	-	-	-	-	Swollen
PTFE resin	2	0	2	-1	No changes