

<Effect of DENKA IP as Compatibilizer>

		PA6/ABS			PA6/ABS + IP		
PA6		50	50	50	50	50	50
ABS	a. BD=15%	50			50		
	b. BD=25%		50			50	
	c. BD=50%			50			50
IP		0	0	0	5	5	5
MFR	g/10min	59	50	47	40	34	29
Tensile Strength	Mpa	54	53	30	41	42	35
Tensile Elongation	%	4	6	22	47	64	256
Flexural Modulus	Mpa	1940	1610	1200	2380	2230	1280
Flexural Strength	Mpa	80	77	44	90	83	49
Charpy Impact	kJ/m2	2	3	26	8	13	85
HDT	°C	72	72	59	79	76	62
Vicat Temperature	°C	114	113	100	119	118	105