

type of waste plastic (recycle plastic)	CNF Concentration (%)	Tensile Strength (MPa)	Tensile Stroke (mm)	Elasticity (MPa)	Bending Strength (MPa)	Bending Stroke (mm)
polypropylene (PP) from plastic pallet (Black color)	0	21.8	6.4	1304	31.6	8.4
PP composite with CNF	40	32.4	4.1	2851	51.7	7
polyethylene (PE) from diaper (from factory, white color)	0	11.7	5.2	1239	14.3	16.4
PE composite with CNF	30	33.8	4.3	2958	46.3	9.4