

2. PP physical properties:

Testing item	Unit	Testing result	Testing item	Unit	Testing result
Density	g / cm^3	0.91	Corrosion resistance at $25 \pm 2^\circ\text{C}$, 8h		
Tensile strength	Mpa	25.6	40% NaOH	g / m^2	-0.72
Bending strength	Mpa	45.3	40% HNO_3	g / m^2	-2.96
Vicar softening point (1000g)	$^\circ\text{C}$	153.4	30% H_2SO_4	g / m^2	-0.31
Impact strength	KJ / m^2	59.4	35% HCL	g / m^2	-2.02
Size changes at $200 \pm 3^\circ\text{C}$, 0.5h	%	-1.2			