

### Test results of PP 8002

Description	Standard	Condition	Result	Unit
Tensile strength @Yield	ISO 527	Speed 50 mm/min Gauge Length 50	24.59	Mpa
Elongatin @ Break	ISO 527	Speed 50 mm/min Gauge Length 50	20.04	%
Tensile strength @ Break	ISO 527	Speed 50 mm/min Gauge Length 50	21.32	Mpa
Elongatin @ Yield	ISO 527	Speed 50 mm/min Gauge Length 50	8.33	%
Flexural Modulus	ASTM D790	Speed: 1.3mm/min Deflection: 0.5mm	1480	Mpa
Flexural strength	ASTM D790	Speed: 1.3mm/min Deflection: 5.0mm	36.41	Mpa
MFI	ASTM D1238	2.16 kg / 230 °C	9.5	g/10 min
Izod Impact	ISO 180	2.71J/notched/23°C	2.58	kJ/m <sup>2</sup>
Filler Content	ISO3451/1	600°C/30 min	21.33	%
VICAT	ASTM D1525	10 N	144	°c
HDT	ISO 75	0.45 Mpa	88.4	°c
DSC	ISO 11357/6	10 °C/min N2 50ml/min	Click here	°c
Density	ASTM D792	23°C	1.0637	gr/cm <sup>3</sup>



- The uncertainty of the test result is based on confidence range of %95 and K=2 which is calculated and Announced due to the customers' demands.

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