



### Test results of PP 8000-HF

Description	Standard	Condition	Result	Unit
Tensile strength @Yield	ISO 527	Speed 50 mm/min Gauge Length 50	32	Mpa
Elongatin @ Break	ISO 527	Speed 50 mm/min Gauge Length 50	20.07	%
Tensile strength @ Break	ISO 527	Speed 50 mm/min Gauge Length 50	21.5	Mpa
Elongatin @ Yield	ISO 527	Speed 50 mm/min Gauge Length 50	12	%
Flexural Modulus	ASTM D790	Speed: 1.3mm/min Deflection: 0.5mm	734	Mpa
Flexural strength	ASTM D790	Speed: 1.3mm/min Deflection: 5.0mm	32.1	Mpa
MFI	ASTM D1238	2.16 kg / 230 °C	9.81	g/10 min
Izod Impact	ISO 180	2.71J/notched/23°C	45.23	j/m <sup>2</sup>
Filler Content	ISO3451/1	600°C/30 min	3.64	%
VICAT	ASTM D1525	10 N	139	°c
HDT	ISO 75	0.45 Mpa	89.3	°c
DSC	ISO 11357/6	10 °C/min N2 50ml/min	Click here	°c
Density	ASTM D792	23°C	0.98	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.



[Info@exirpolymer.com](mailto:Info@exirpolymer.com)



+98 31 4564 3030



+98 912 962 3265



[Exirpolymer.com](http://Exirpolymer.com)



[Fa.Exirpolymer.com](mailto:Fa.Exirpolymer.com)



[Ar.Exirpolymer.com](http://Ar.Exirpolymer.com)