

Distinguish, compare, differentiate and explain what is the main difference between Pig iron and Wrought iron. Differences and Comparison.

## **Difference between pig iron and Wrought iron**

S.No.	Pig Iron	Wrought Iron
1	Pig iron contains 4 to 5 percent carbon and other impurities such as sulphur, phosphorous, silicon and manganese.	Wrought Iron is the purest commercial form of iron free from carbon.
2	The presence of impurities in it lowers the melting point.	It is malleable.
3	Pig iron is brittle in nature.	Wrought iron is ductile and stronger.
4	it can be melted and moulded into various shapes such as pipes, storage tanks, bath-tubes, stores, cylinder and other shapes.	Wrought iron can not be used for molded articles.
5	Sheets and wires cannot be made of pig iron.	It cannot be hammered into sheets and drawn into wire or given desired shapes.