

Gilsonite in Foundry Sands

Among the carbon additives, most famous and highly applied is Sea Coal which has been constantly replaced by Gilsonite considering the characteristics of Gilsonite to react well in this application. In the foundry industry in several applications a carbon additive is required:

- ✓ **Foundry Sand Additive**
- ✓ **Refractories**
- ✓ **Ingot Mold Coating**
- ✓ **Briquette or Pellet Binding**



Gilsonite **High Lustrous Carbon Content** improves the final quality of the finishing significantly and it is very suitable for molding high value metals. Also the mold release is more effective with presence of Gilsonite as the **Gas Generation is twice higher than sea coal**. Carbonic Nature of Natural bitumen adapts to the high temperature molding procedures well and reduces the reaction between the casting and the mold.

Zista Gilsonite is proud to supply two foundry grades Gilsonite which is adaptable to different procedures and have been tested successfully in Asia. While many Gilsonite suppliers tend to supply Pyrobitumen for foundry sands which has less ash, higher carbon and relatively cheaper than Gilsonite, Zista Gilsonite refuses to follow this path as pyrobitumen does not have the right Fuel Ratio to be carbon additive while the softening will also will not adapt to many users.

Zista Group supplies various Gilsonite grades under the brand of **ZITUMEN** worldwide while guarantying the aspects of quality for each shipment. Supplying two grades of Foundry Grade Gilsonite assist the end-buyers to choose optimized product with best economical options having much cheaper price than American Gilsonite Suppliers.

For more information please do not hesitate to contact us; info@zistagilsonite.com