

Gilsonite in Bitumen Blending

Adding Gilsonite to the bitumen hot mix (or mixing with Slurry during the bitumen production) has significant effects on the outcome of the production in basic grades, decreasing their production cost up to 15% while it can improve the ductility of the bitumen made.

While the competition for supply of Bitumen is becoming rougher as the number of Bitumen manufacturers increases, in many countries bitumen producers tend to have a cheaper raw material to decrease the production costs and preserve the quality as much as possible in order to compete in the current very competitive market of Bitumen.



In the process of blending the Gilsonite with Bitumen, an important factor – which defines the outcome of the Bitumen production – is the content of **Solubility in TCE (or commercially called Bitumen Content) in the Gilsonite**. The higher the bitumen content of the Gilsonite it will have less effect in decreasing the quality of the bitumen made.



Thus, it is very important to **avoid purchasing any Gilsonite with Solubility below 50% and avoid purchasing of any kind of Pyrobitumens** that are widely advertised by Iran Gilsonite Suppliers. It is essential to check the specifications of the Gilsonite on both aspects of Ash & Solubility to be tested under ASTM Standards in bitumen mixing.

Zista Group supplies various Gilsonite grades under the brand of **ZITUMEN** worldwide while guarantying the aspects of quality for each shipment. With the help of our technical staff and our own laboratory, we make sure the Gilsonite for Bitumen Blending has enough **Solubility and optimized Ash content** for most effective mixing into bitumen.

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