



INFO

· Category

Companies & Organisations: Chemicals

· Name

JAHAN ARTA Natural Bitumen JA NBT

· Subcategories

Facebook Web Address

www.facebook.com/jahanarta.nbt

· Address

JA NBT Laboratory, Factory and Head Office (C58-59) Industrial Site - Chemical Block
- Bisotoon Industrial Complex - Kermanshah, Iran, Kermanshah, Iran 67147 - 85474

· Start Info

· Short Description

Mining, Primary Processing, Crushing and Grinding, Micronization, Packaging and Supply of Natural Bitumen.

· Impressum

Quality, Quantity, Cost benefit, Efficient and Reliable Supply of Natural Bitumen Processed Lumps(Rocks) and Grinned, Micronized Powder for a wide range of applications.

· Long Description

Technically Engineered and Highly Efficient Mining, Primary Processing(Physical Inspection, Sorting, Separating, Cleaning, Drying and Testing)

Crushing, Grinding and Micronization, Packaging and Supply of Natural Bitumen Processed Lumps(Rocks) and

Crushed, Grinded and Micronized Powder in Accurate Ranges of Ash

Percentage(Ash<and=2%, Ash<and=5%,

5%<Ash<10%, 10%<Ash<15%, 15%<Ash<20%, 20%<Ash<25%, 25%<Ash<30%) and

Crushed and Grinded Sizes of up to 90 Mesh and

Crushed, Grinded and Micronized Powder from 100 Mesh up to 400 Mesh(100, 200, 300, 400) With More Than 98% Accuracy.

Throughout all processes and productions the below tests are made by JA NBT LABORATORY and each package is tested and labeled.



JA NBT Tests;

Ash%, Softening Point(Degrees Centigrade), Solubility%, Size and Moisture%.

Packaging:

1Mt Jumbo Bag, 25Kg 3 Layer Laminated Paper Bags, 25Kg Gunny Bag, 1Mt Jumbo Pallet, Pallet(Placing Cardboard on top and bottom + Wire + Shring).

Natural Bitumen;

A hydrocarbon material. It is the best humidity insulator in nature as well as due to its softening point being approximately between 130 to 250 degrees centigrade, it is also considered as a very effective, and valuable heat insulator.

It also increases mass in production.

It is hazardless and non toxic.

It is used as a replacement raw material and modifying, improving additive in a wide range of products and applications where humidity and heat resistance is of importance. It needs to be completely melted along with other raw materials and additives used in the bonds and perfectly mixed with them. The result will be that its molecules will cover the molecules of the other materials and will not let humidity, heat, upper and lower surface pressures affect the final material produced. As well as it would give more mass to the final product. Therefore a rapid increase in quality and quantity by the means mentioned as well as a reduction in production costs, due to it being very cost benefit and lower in price in comparison to other raw materials and additives that could not be even compared in quality. A percentage of 1 up to 50 and above of the total mixture and bond can be replaced by NBT in accordance to the machinery and production lines, other raw materials and additives, intellectual knowledge and know how and etc of each producer(consumer).

History;

The history of this material goes back, thousands of years and it was used by many ancient civilizations such as the Persian and Roman civilizations and even much before them.

In our modern age it was first discovered in the state of Utah in USA and at first it was used in dark colored paints(Today with technological advancements it is used in all different colors) . This material was further studied by a gentleman called Gilson from whom the name Natural Bitumen is derived and a company called American Natural Bitumen was established which also has the same name of American Natural Bitumen as its trade mark.

There is an approximate estimated survey stating that over 70% of the total reserves is in the Iranian Plato and mainly north west Iran and in the province of Kermanshah.

Applications and products such as;

Drilling Mud and Fluids, Industrial and Refined Bitumen, Asphalt, Concrete, Insulation's, Paint and Resin, Composite, Ink, Glue, Pipes, Cables, Tires, Cosmetics and Etc.



Production Capacities

1. Raw Rocks;

From the production in the mines in accordance to JAHAN ARTA standardization, produced material above 30% Ash are considered grade 2 and 3 of quality which is immediately removed and sold in bulk. The materials produced which contain below 30% Ash are the production objective and graded 1 in quality, which are put in use as raw material for JAHAN ARTA processing. The grade 1 materials (Raw Rocks) are supplied to customers directly or transported to JAHAN ARTA factory packaged or in bulk for further processing.

2. Processed Rocks;

Production capacity of Processed Rocks is 300 MT per day, 7500 MT per month, which includes packaging and transportation of raw rocks produced in the mines to JAHAN ARTA factory, primary processing in JAHAN ARTA factory, including physical and chemical analysis, sorting, separating, cleaning, drying, packaging and test labeling.

3. Crushed and Grinded Powders;

JAHAN ARTA factory consist of 3 Natural Bitumen powder production lines including one crushing and grinding production line with the capacity of 30Mt per day and 750 Mt per month of below 100 Mesh in size with minimum tolerance.

4. Crushed, Grinded and Micronized powders;

Crushing, grinding and micronization, 2 Raymond production lines with the capacity of each 75Mt per day, 1875MT in month, which is in total 150 Mt per day, and 4000 Mt per month, in sizes from 100 Mesh up to 400 Mesh with over 98% accuracy and uniform micronized powders.

From Rocks with primary processing (Processed Rocks) are put into the above 3 production lines.

· Mission
QUANTITY,
QUALITY,
COST BENEFIT,
EFFICIENT



AND
RELIABLE
SUPPLY OF
NATURAL BITUMEN
FOR A
WIDE RANGE OF APPLICATIONS AND PRODUCTS

· **Founded**

Mr.Mir Masoud Nodjoumi
Chairman

· **Awards**

· **Products**

Natural Bitumen:

- 1) Raw Lumps(Rocks), in Accurate Ranges of Ash Percentage(Ash=2%, Ash=5%, 5%<Ash<10%, 10%<Ash<15%, 15%<Ash<20%, 20%<Ash<25%, 25%<Ash<30%), packaged or in bulk, direct transit from the mine.
- 2) Processed Lumps(Rocks) in Accurate Ranges of Ash Percentage(Ash=2%, Ash=5%, 5%<Ash<10%, 10%<Ash<15%, 15%<Ash<20%, 20%<Ash<25%, 25%<Ash<30%). Raw Material with As bellow 30% is transported to JA NBT factory and primary processing including sorting, separating, cleaning and drying, test labeling and packaging are performed.
- 3) Crushed and Grinded Powder in Sizes of up to 90 Mesh.
- 4) Crushed, Grinded and Micronized Powder from 100 Mesh up to 400 Mesh(100, 200, 300, 400) With More Than 98% Accuracy.

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You will also be provided with contact information on every other division and personal specialists for better integrated interaction and services.

Looking forward to your feedback.

Best wishes
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Marketing and Sales Manager

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