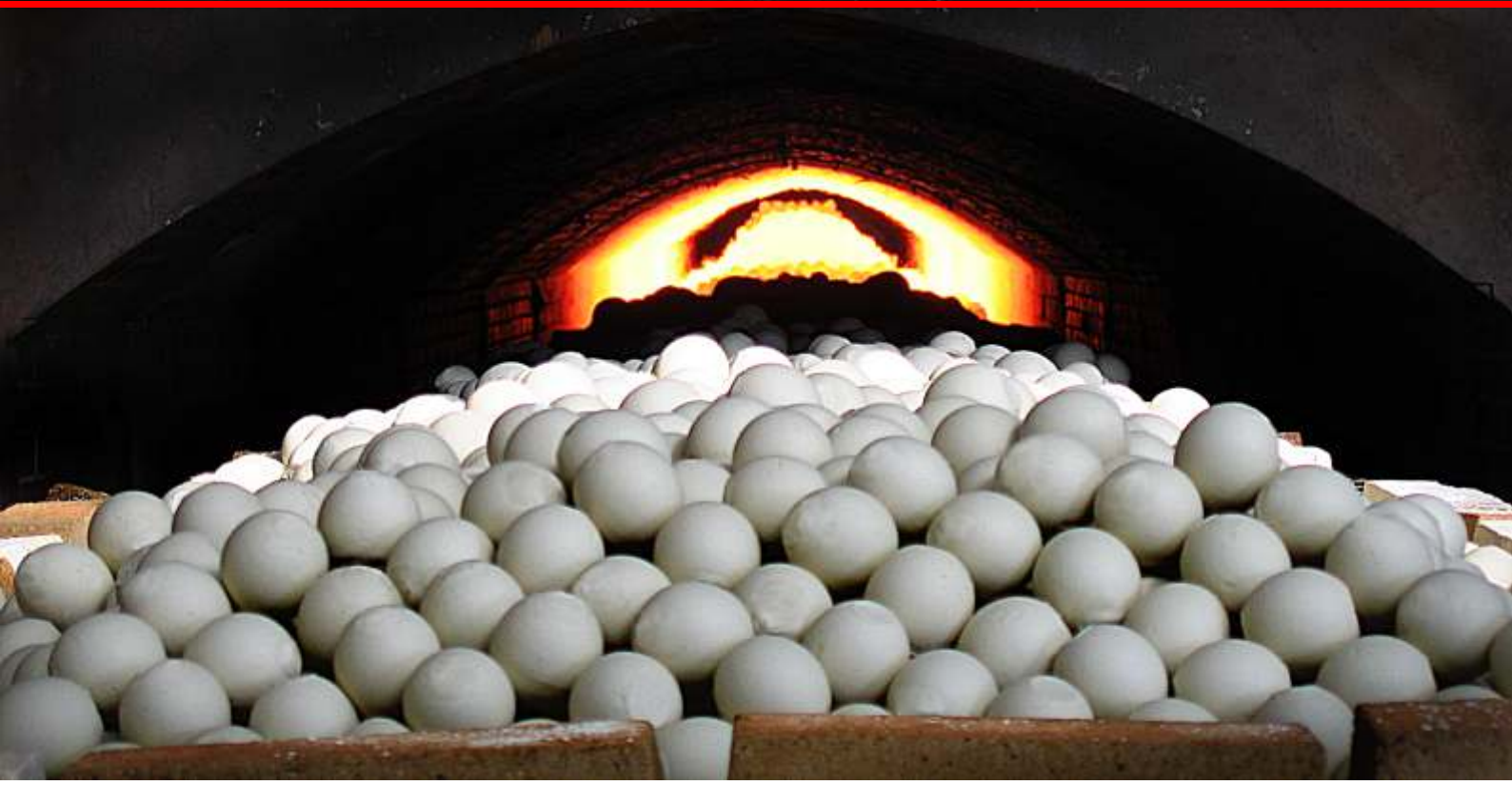
MEYBOD CERAMIC INDUSTRIAL CO.

MANUFACTURER INDUSTRIAL CERAMIC AND CERAMIC MACHINERY



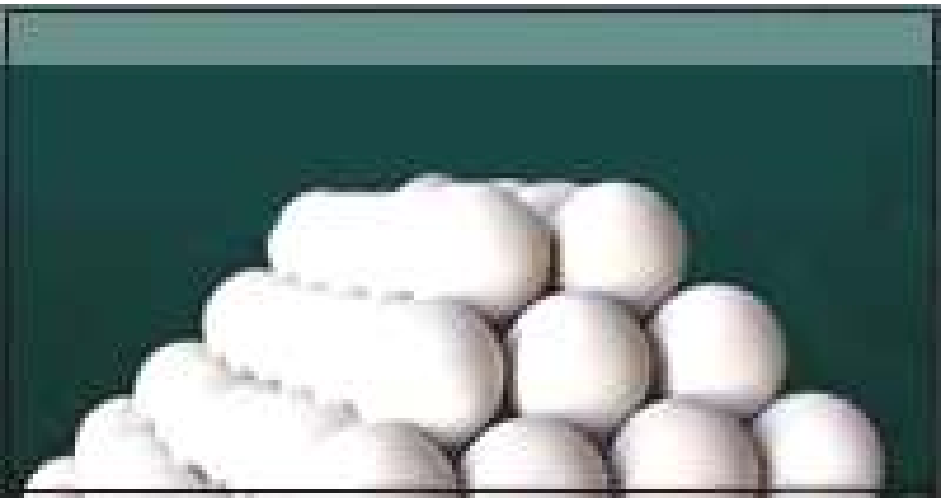
Producing high quality static ball and lining brick in case of physical and chemical properties is Obtained results from great and continuous attempts of engineers and personnel of this company. This company's products are without any water absorption and porosity and they are stable against high friction and good density that at the present time is applied by very tile and healthy china factories in part that prepares the initial materials.

Meybod ceramic company is the first producer of static ceramic balls and is one of most famous producer of this products in Iran that began it's activity in 1364 with the goal of produce china and ceramic products- by regarding to the ceramic vessels. This company designed this product in it's operation program at early year of 1992 by recognition the market need for ceramic products and also by progressing the tile & ceramic industry and following that by regarding to ever increasing need for this industry and ceramic balls.

The present capacity of this company is 6000 tone balls annually. This company began the standard operation and quality management system installation since 1382 to increase competition power and to progress the customers satisfaction and it also obtained the confirmation of IMQ Company and world standard license of **ISO 9001: 2000** successfully by our personnel attempt.
Our attempt and many years experiences always was to progress products quality and make the customers satisfaction that we say thank them for their support, confirmation and encourages.

Mnufacturer Industrial Ceramic & Ceramic Machinery

INDUSTRIAL CERAMICS



Maybod ceramic company is the first producer of lining static ball and brick in Iran. Ceramic balls and brick that made by this company are included of equal compounds that are proper to mill materials with hardness under 7.5 μ

At the present time this company products is applied to mill materials and prepare body grout of tile and healthy china factories.

Technical personnel and experts of Maybod ceramic company is ready to cooperate with it's admired customers by supplying them it's experiences and taking information and special condition of every factory to obtain the best result by applying this company ceramic balls in ball mills.

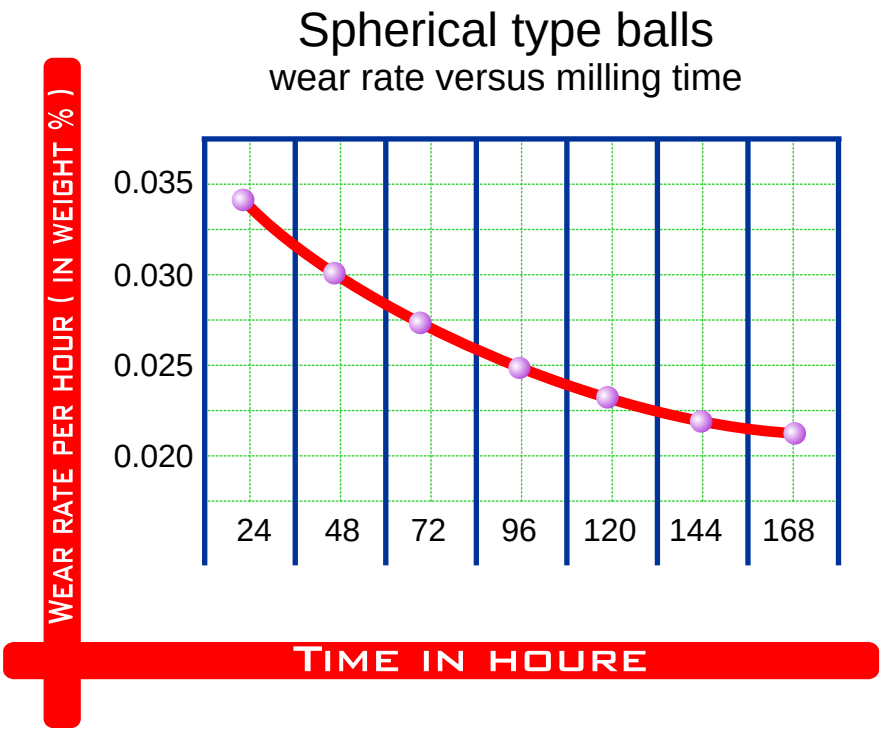
Mnufacturer Industrial Ceramic & Ceramic Machinery

INDUSTRIAL CERAMICS

Friction test measurement process

About 10kg safe balls pours in to lining and adds some water as well as. After 24 hour rotating with 40 cycle per minute, ball mill stops and evacuates. Balls are distributes after they dry and the ball loosing weight will obtain. The friction calculates as following:the 50mm ball mill with plastic.

$$\textbf{friction percentage} = \frac{\text{initial weight /(weight after friction –initial weight)}}{24}$$



Ball mill	50 lit
Water	10 lit
Ceramic ball charging	10 kg
Speed(rate)	45

Poroperties	Units	Ceramic balls
Color	------	White
Water absorption	%	0
Size	MM	40-50-60-70
Density	G/cm3	265-270
Hardness	Moh's	7-75
Shape	-----	Spherical

Density test:

The measurement method is floating way as the follow:

D= Ball weightI= floating ball weight P=D/D-I floating density.

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INDUSTRIAL CERAMICS

STEATITE CERAMIC BALLS

Steatite is a magnesium meta silicate composite formulated from special kind of china clay , talc and other Chemicals .

Our ceramic balls and lining bricks are the same composite.

They are ideal for milling substances of hardness below 7 on moh's scale.

ADVANTAGES:

1- Sphericity

2- Wide range of sizes

3- Low contamination

4- Ecconomical in electricity consumption

5- White colour

6- Uniform Quality

7- Lower milling time

8- Longer Service and milling life compaired to porcelain and river pebbels.

9- Easy to clean

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