



MINER

MADENCILIK | NAKLIYAT TİCARET LTD. ŞTİ.

FOUNDRY BENTONİTİ

TRUSTWORTHY

Miner Madencilik, we produce high-quality foundry bentonite to meet the needs of the foundry industry . Our bentonite offers superior performance in casting operations thanks to its excellent properties.

QUALITY

our bentonite has excellent properties by undergoing rigorous quality control tests.

BENEFITS AND EFFECTS

- High strength: Our bentonite creates high strength molds, ensuring castings are precise and durable.
- Excellent fluidity: The fluidity of our bentonite makes it possible to easily fill molds and obtain flawless surfaces.
- Heat resistance: Our bentonite is resistant to high temperatures and prevents molds from deteriorating during casting processes.
- Chemical stability : Our bentonite is resistant to the effects of chemicals used in casting processes.
- toxicity : Our bentonite is environmentally friendly and not harmful to human health.
- Higher quality castings: Our bentonite enables the production of higher quality castings.
- Fewer errors: The excellent properties of our bentonite help reduce errors in casting operations.
- Lower costs: The efficiency of our bentonite reduces casting costs.
- Less environmental impact: The environmental friendliness of our bentonite reduces the environmental impact of casting operations.

TECHNICAL SPECIFICATIONS

Analysis	8% Mixture (66ml water)	Thermal Resistance – 550 ° - 2 Hours
Humidity (%)	10	
Compact (%)	40.1	41.8
Wet Compression (n/ cm ²)	1800-1740	1260
Wet Cut (n/ cm ²)	340-340	240
Wet Tensile (n/ cm ²)	0.308	0.215
Gas Permeability	175	122
Methylene Blue (ml/g)	42	27
Loss on Combustion	8.42	
Swelling (ml)	26-30	



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