



ZANDORA
TRADE AND COMMERCE

HIGH-QUALITY BENTONITE: A SMART CHOICE FOR YOUR PROJECTS !

ARE YOU LOOKING FOR HIGH-QUALITY BENTONITE FOR YOUR PROJECTS?



WE OFFER OCMA LUMP BENTONITE.

SAMPLES AND API POWDERED BENTONITE SAMPLES WITH THE BEST FEATURES AND ADVANTAGES.



EXPLORE THE UNIQUE FEATURES THAT SET US APART. DISCOVER HOW OUR INNOVATIVE SOLUTIONS ELEVATE YOUR EXPERIENCE, MAKING EVERY INTERACTION SEAMLESS AND MEMORABLE



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OCMA LUMP BENTONITE

UNIQUE STRUCTURE AND HIGH WATER ABSORPTION CAPACITY
IDEAL CHOICE FOR DRILLING AND PURIFICATION PROJECTS



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SUITABLE FOR

- OIL AND GAS INDUSTRIES
- DAM CONSTRUCTION
- WELL DRILLING

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API POWDERED BENTONITE

UNIQUE PROPERTIES IN WATER ABSORPTION AND RETENTION
HIGHER SOFTNESS AND LUBRICATING PROPERTIES

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Bentonite API 13-A and OCMA

IDEAL FOR

CONSTRUCTION INDUSTRIES
WATER WELL DRILLING



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BARITE (BARYTE OR BARITE)

ARE YOU LOOKING FOR HIGH-QUALITY BARITE FOR YOUR PROJECTS?



BARITE SAMPLES WITH THE BEST FEATURES AND ADVANTAGES.

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BARITE (BARYTE OR BARITE)

BARITE IS A MINERAL WITH THE CHEMICAL FORMULA BaSO_4 , WIDELY USED AS A WEIGHTING AGENT IN VARIOUS INDUSTRIES. DUE TO ITS UNIQUE PROPERTIES, IT IS EXTENSIVELY USED IN THE DRILLING INDUSTRY, ESPECIALLY IN DRILLING MUD FOR OIL AND GAS WELLS.

HIGH SPECIFIC GRAVITY: ONE OF THE MOST IMPORTANT CHARACTERISTICS OF BARITE IS ITS HIGH SPECIFIC GRAVITY (4.2 TO 4.5 G/CM³), MAKING IT HIGHLY EFFECTIVE IN CONTROLLING DRILLING PRESSURES.

WELL PRESSURE CONTROL: BARITE, AS AN ADDITIVE IN DRILLING MUD, REGULATES WELL PRESSURE AND PREVENTS GAS AND OIL BLOWOUTS.

WELL PROTECTION: PREVENTS WELL COLLAPSE AND MATERIAL LEAKAGE, STABILIZING THE DRILLING ENVIRONMENT.

CHEMICALLY INERT: BARITE IS RESISTANT TO CHEMICAL REACTIONS, MAKING IT EFFECTIVE IN HARSH DRILLING CONDITIONS.

OTHER APPLICATIONS OF BARITE

PAINT INDUSTRY: USED AS A FILLER IN WHITE PAINTS AND COATINGS

GLASS INDUSTRY: ADDED TO GLASS FORMULATIONS FOR HEAT RESISTANCE

MEDICAL INDUSTRY: USED IN RADIOPAQUE MATERIALS FOR MEDICAL IMAGING



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XANTHAN GUM ZANDORA



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INTRODUCTION TO XANTHAN GUM

XANTHAN GUM

XANTHAN GUM IS A NATURAL GUM DERIVED FROM THE FERMENTATION OF SUGARS BY THE BACTERIUM XANTHOMONAS CAMPESTRIS. IT IS WIDELY USED IN VARIOUS INDUSTRIES AS A GELLING AGENT THICKENER, AND STABILIZER, INCLUDING IN OIL AND GAS, FOOD, PHARMACEUTICAL, AND COSMETIC INDUSTRIES

DRILLING MUD THICKENER: XANTHAN GUM INCREASES THE VISCOSITY (STICKINESS) OF DRILLING MUD, IMPROVING THE REMOVAL OF SUSPENDED PARTICLES AND PREVENTING UNWANTED MATERIAL FROM ENTERING THE WELL

STABILITY AT VARIOUS TEMPERATURES AND PH LEVELS: HIGHLY STABLE IN EXTREME DRILLING CONDITIONS, PREVENTING PERFORMANCE LOSS UNDER HARSH ENVIRONMENTS MINIMAL NEED FOR MODIFICATIONS: COMPARED TO OTHER ADDITIVES, XANTHAN GUM REQUIRES FEWER MODIFICATIONS AND CAN BE EASILY INCORPORATED INTO VARIOUS FORMULATIONS

OTHER APPLICATIONS OF BARITE

FOOD INDUSTRY: USED AS A THICKENER AND STABILIZER IN SAUCES, ICE CREAMS, BEVERAGES, AND CONFECTIONERY

PHARMACEUTICAL INDUSTRY: HELPS IN SYRUP, CAPSULE, AND OINTMENT FORMULATIONS

COSMETIC INDUSTRY: USED IN CREAMS AND LOTIONS AS A STABILIZER AND THICKENER

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ADVANTAGES OF XANTHAN GUM IN DRILLING



BENEFITS OF USING XANTHAN GUM IN DRILLING MUD

ENHANCES DRILLING MUD STABILITY: IMPROVES DURABILITY AND PERFORMANCE IN VARIOUS DRILLING CONDITIONS

REDUCES NEED FOR ADDITIONAL ADDITIVES: WORKS EFFECTIVELY ALONGSIDE OTHER ADDITIVES LIKE BENTONITE AND BARITE FOR IMPROVED DRILLING EFFICIENCY

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COMBINING THESE MATERIALS IN DRILLING



THE ROLE OF BENTONITE, BARITE, AND XANTHAN GUM IN DRILLING MUD FORMULATIONS

BENTONITE IS USED AS THE PRIMARY AGENT FOR VISCOSITY

BARITE INCREASES THE WEIGHT OF THE DRILLING MUD AND CONTROLS WELL PRESSURE

XANTHAN GUM ENHANCES STABILITY AND EFFICIENCY OF DRILLING MUD

THE COMBINATION OF THESE THREE MATERIALS MAKES DRILLING MUD MORE RESISTANT TO HARSH CONDITIONS AND SIGNIFICANTLY IMPROVES DRILLING PERFORMANCE



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WHY US ?

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COMPETITIVE PRICES: THE BEST PRICE RANGE FOR BOTH TYPES OF BENTONITE CONSIDERING THE HIGH QUALITY

FAST AND UNRIVALED TRANSPORTATION: WE ENSURE THAT YOUR PRODUCTS ARRIVE ON TIME AND IN PERFECT CONDITION

EXPERT CONSULTATION AND SUPPORT: OUR TEAM IS ALWAYS READY TO HELP YOU CHOOSE THE BEST PRODUCT

CONTACT US

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