

AMC GRANULATED BENTONITE™

SPECIALTY PRODUCTS & CHEMICALS



Description

AMC GRANULATED BENTONITE™ is a specifically processed granular bentonite. It mixes easily in water to form a flexible, permanent seal.

Application

AMC GRANULATED BENTONITE™ can be used to provide an excellent seal in:

- Water wells
- Geotechnical holes
- Blast holes
- Casing in drill holes
- Dams and earthen mud pits

AMC GRANULATED BENTONITE™ also has good application for stabilising loose formations in cable tool holes.

Typical Physical Properties

Appearance: Grey to tan granules
 Solubility: Insoluble in water
 Specific gravity: 2.4 – 2.6

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

Advantages

- Swells when hydrated with fresh water
- Forms a flexible, permanent seal
- Yields slowly without excessive viscosity
- Mixes easily in water and requires only basic mixing equipment
- Will not contaminate aquifers in water bores
- Can be placed in dry or wet boreholes.

Recommended Treatment

For details on using AMC GRANULATED BENTONITE™ to seal dams and earthen pits contact an AMC representative.

To seal a bore hole, mix 55 – 65 kg / m³ AMC GRANULATED BENTONITE™ in fresh water and pump into place.

HOLE DIAMETER		KG OF CHIPS / METRE OF HOLE	
MM	INCHES	MEDIUM	COARSE
64	2.5	4	Not recommended
101	4	10	9
127	5	16	13
152	6	23	19
203	8	42	34
305	12	119	75

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