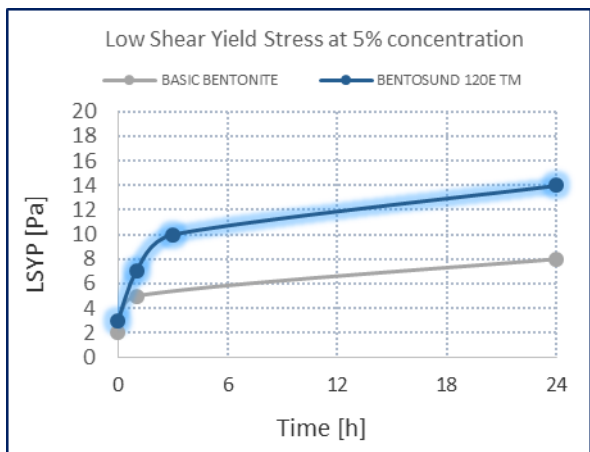
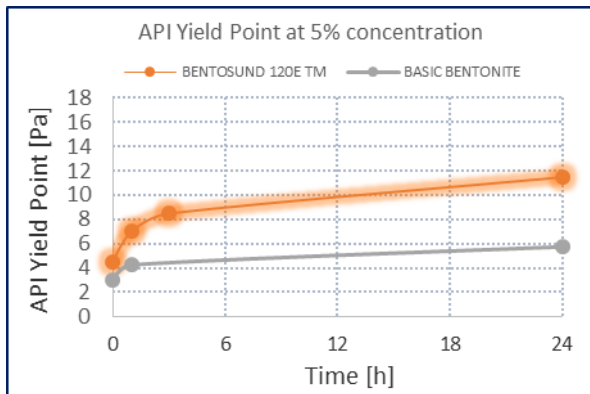


BENTOSUND 120E TM

BENTOSUND® 120E TM is a 100% natural sodium bentonite wisely selected from our mine – completely polymer-free which, after a brief dispersion in water and an aging time of about 1/2 hours, shows a rheological reaction that guarantees highly colloidal suspensions which have excellent suspensive waterproofing and lubricating characteristics. Its usage is recommended for the preparation of the slurry in TBM shield.



Typical characteristics at 5% concentration

Slurry Density	g/cm ²	< 1,10
Moisture	%	< 13
Dry residue on 200 Mesh	%	<2.5
GEL 0	Pa	> 8
GEL 10	Pa	> 10
API Yield Point 24 h maturation	Pa	> 10
API Marsh Viscosity 24 h	s	38 - 45
Bleeding - 24 h maturation	%	< 1
pH - 24 h maturation		7 – 11
API Fluid loss - 24h maturation	ml	< 22
Cake - 24 h maturation	mm	< 3

Specific advantages and benefits

- Eco-friendly
- Polymer free
- Very good filtration properties
- Strong Waterproofing and suspensive qualities

Application

BENTOSUND® 120E TM is specifically set-up for Tunnelling. It is suitable for all kind of soils.

Preparation

Mix with water using a high efficient mixer. To get best properties 24 hours of aging is required.

Packaging

Bulk, Jumbo bags & 25 Kg paper/valve bags

Storage

Keep the product in a dry place and closed in original packing

Information given in this bulletin is based on the state of our knowledge at the date of publication and are believed to be accurate, but do not constitute any engagement or warranty from our part. Buyers and users should make their own assessments under their own conditions and for their own requirements. Information may be changed without any notice. For mandatory characteristics and performance please refer to our Sale Specifications.



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