



MINER

MADENCILIK | NAKLIYAT TICARET LTD. ŞTI.

PAPER BENTONITE

BENTONITE

Bentonite is a valuable clay mineral used in many sectors. In the paper industry, bentonite is an indispensable component of the production process with its versatile properties.

QUALITY

Take Your Paper Production to the Next Level with Bentonite !

BENEFITS

- High Performance:** Bentonite improves the quality and performance of paper .
- Cost Reduction:** Bentonite helps reduce costs.
- Environmentally Friendly:** Bentonite is an environmentally friendly mineral.
- Versatility:** Bentonite can be used in different types of paper

IN PAPER PRODUCTION AND WASTE PAPER RECYCLING

- FILLING MATERIAL:** Bentonite is used as a filler in paper production. It helps reduce costs while increasing the weight and volume of the paper.
- BINDING:** Bentonite binds the fibers used in paper production together and increases the strength of the paper .
- BRIGHTENER:** Bentonite smoothes the paper surface and adds shine.
- PAINT RETENTION:** Bentonite allows the paint to adhere better to the paper and makes the colors look more vivid.
- WATER RETENTION:** Bentonite enables more efficient use of water used in paper production with its water retention feature .
- IN WASTE PAPER RECOVERY:** During the retention phase , it enables the recovery of even the smallest fibers. It ensures the disposal of ink in waste paper.

TECHNICAL SPECIFICATIONS

Viscosity	600rpm	20 Cp (API 13A)
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Moisture	Swelling(2gr)	pH	Montmorillonite
8-12%	30-40	9-11	> 91%

Grain distribution(Sympatec (Helos Rhodes) ;

X50	X90	X97	X99
7.72	20.09	34.43	42.79

Whiteness values

Ry	L*	a*	b*
78.57	91.07	-0.09	9.7



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