



HYDROSIL
INTERNATIONAL LTD.

Hydrosil HS-200 Compared to Organophilic Clays

Organophilic Clays	Hydrosil HS-200	Blended
Active Ingredient	Quaternary Amine	Quaternary Amine
Substrate	Zeolite	Clay
Cation Exchange Capacity	Yes	No
Active Media by Volume	100%	30%
Bulk Density	58#'s/ft ³	53.0#'s/ft ³
#'s of Active Media (1.0 cubic foot)	58#'s	21.5#'s
Disposal Cost	Same	Same

➤ Conclusion

Hydrosil impregnates zeolite with a 4.1% quaternary amine solution. We call this product HS-200.

Our competitors use clay as an alternative to zeolite, presumably for swelling and economic considerations. Anthracite coal is included our competitors relationship of coal/clay amine is 70/30.

Hydrosil HS-200 does not swell. Hydrosil HS-200 has 333 % more active product per cubic yard than that of blended organophilic clays.