

LenOX[®]

Leonardite (Oxidized lignite), Suitable for Drilling Additive

Moisture Target	15-20% Radwag PMC 50/NH Moisture Analyzer Balance
Bulk Density	51 pounds per cubic foot
pH	3.86

Lab results above from Leonardite Products in house equipment

Alkali Solubility	76.6%	1% NaOH
Moisture (105 deg. C)	14.6%	ASTM D2974
Total Solids	85.4%	ASTM D2974

Lab results above from Mottz Laboratory, Phoenix, AZ

Moisture	14.82
pH	3.7
Humic Acid A&L Colormetrics analysis	82.52%
Humic Acid - CDFA Method	61.78%

Lab results above from A&L Western Labs, Modesto, CA

Moisture	15.84
Ash	19.88
Loss on Ignition @ 750C	64.3

Lab results above from Minnesota Valley Testing Laboratories, Inc., Bismarck, ND

Sieve Analysis

U.S. MESH	MILLIMETERS	Percentage Passing through
#14	1.41 mm	100% passing through
#20	0.841 mm	99.5% passing through
#30	0.60 mm	98% passing through
#50	0.30 mm	88% passing through
#100	0.15 mm	54% passing through
#200	0.075 mm	30.5% passing through

In House test results (9-30-2020)

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LEONARDITE PRODUCTS

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