

“FILLING ALL OF YOUR DRILLING AND PRODUCTION NEEDS”
PRODUCTION ENHANCEMENT SYSTEMS, LLC



COARSE GLASS BEADS

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FUNCTION:

1. Mechanical lubricant as a means to INCREASE RATE OF PENETRATION of a drill string within a deviated well bore.
2. As an aid to SLIDE DRILLING, BATCH DRILLING & RUNNING CASING OR A LINER.
3. As a mechanical lubricant when DRILLING EXTENDED REACH WELLS
4. Superior TORQUE & DRAG REDUCTION.

GENERAL DESCRIPTION:

“BEADLEJUICE” Coarse 14-20 mesh

PRODUCT DESCRIPTION:

Color: colorless, clear and free of carbon residues.

Specific Gravity: 2.45 – 2.50 g/cm³

Hardness: C70.5

Crush Resistance: ± 60,000 psi

Packaging: 50 lb. Multilayer bags or pails
40 bags or pails/pallet

Roundness: Greater than 90% true Spheres by visual inspection.

Chemical Composition: Soda lime glass
(No free silica)

PRODUCT BENEFITS:

“BEADLEJUICE” coarse beads have the highest values for compressive strength and hardness available to the oilfield. The compressive strength of “BEADLEJUICE” coarse glass beads (14-20 mesh or a nominal 1.0 mm) is 134 lbf (600 N) and 71.5 Rc hardness. API pipe tables Class E and N-80 have a tensile strength of about 100,000 psi. This is equivalent to 95-98 Rb. However some furnace heats may be more than 23 Rc. S-135 has a tensile strength of 147,000 psi and 35-39 Rc. Stabilizers and tool joints are similar to 4140 steel with hardness about ½ that of “BEADLEJUICE” coarse glass beads or 30-34 Rc.

Excellent results have been found, due to the larger exposed surface area of the bead. It enables itself to protrude further out of the wall cake which gives a greater ball-bearing effect to the outer casing wall in open hole.

TYPICAL TREATMENT:

“BEADLEJUICE” coarse glass beads can be added to entire system at 2-6 lbs/bbl or runs in sweeps. Excellent results have found by first running sweeps with 10-50 lbs/bbl and then following with 1-2 sx / hr.

***For Questions/Tech Support:**
(337)849-6340

“OUR GOAL IS TO EXCEED YOUR EXPECTATIONS”