



Technical Data Sheet

GLASS BEADS (M&F)

Product Description

GLASS BEADS are specially sized, solid glass spheres made of high-grade crown glass of the lime soda type. **Glass Beads** are chemically inert, free of impurities and non-polluting. **Glass beads** come in 2 sizes; Medium (50-80) where 95% pass through a 60 mesh screen and Fine (100-170) where 95% pass through a 100 mesh screen.

Applications: **Glass Beads** can be used in all water and oil based drilling fluids to reduce torque and drag and to aid in the prevention of differential sticking. They should have no measurable effect on the desired properties of the mud system and can be removed by a desilter or centrifuge.

Treatments: Adding and maintaining 8.0-12.0 kg/m³ of **Glass Beads** can achieve a reduction in torque and drag anywhere from 15.0 to 30.0%. The severity of hole problems and solids content will determine the actual concentrations required. **Glass Beads** should be added directly through the mixing hopper. It is advisable to use a dust mask and eye protection while mixing all powdered products.

KEY BENEFITS

- Reduce Torque & Drag
- Aids in landing casing in long laterals
- Aids in build rates in the curve

Key Properties

Color	Clear to White
Physical Form	Glass
Flash point	600°C
Sg	2.5 - 2.9
Solubility	Not Soluble
Packaging	50 lb sack