

### DESCRIPTION

**Cemfill** consists of inert hollow inorganic spheres which can provide a route for preparing lightweight cement slurries of 9 to 12 lbs/gal that will produce acceptable compressive strengths in short periods. The compressive strengths are normally higher than those produced by equivalent density slurries containing bentonite, gilsonite or silicate extenders.

### APPLICATION

Other advantages of **Cemfill** slurries include low thermal conductivity (useful in permafrost and geothermal areas) and improved lost circulation properties. **Cemfill** is limited by pressure in its application, but the material is competent up to 6000 psi. As the pressure increases, some of the spheres fail and the density increases.

### PHYSICAL PROPERTIES

Physical Appearance	Grey/brown fine particle powder
Odour	Slight earthy
Flash Point (°C)/Method Used	Not flammable
Specific Gravity (g/ml)	0.60-0.74
Melting Point (°C)	1200-1400
pH	6-8 in a 50% solids concentration

### PACKAGING

Usually supplied in bulk.

### ADDITIONAL INFORMATION

**Cemfill** is compatible with all API classes of cement and all cement additives such as retarders, accelerators, dispersants, fluid loss control agents etc.