

Britex® CL

Cast Booster

DESCRIPTION

The Britex® CL is a pentolite cast booster used for initiating blasting agents in surface mining, quarries, and construction blasting. The booster has either a plastic (CL150 and CL250) or a cardboard (CL450 and CL900) shell with plastic endplates that provide extra protection from physical damage over conventional cardboard shells without endcaps. The series ranges in size from 1/3lb (150g) to 2lb (900g).



Britex® CL TECHNICAL CHARACTERISTICS

| | |
|--------------------------------|---------------------------------------|
| Explosive Type | Pentolite |
| Density (g/cc) | 1.62 ± 3% |
| Detonation Pressure (GPa) | 22.5 |
| Detonation Velocity ft/s (m/s) | 24,600 ± 3% (7,500 ± 3%) |
| Energy (kJ/kg) | 6,100 |
| Water Resistance | Excellent |
| Transport and UN Numbers | UN 0042 Class 1 Division 1 1.1D |



Britex® CL DIMENSIONS AND CASE QUANTITIES

| Product | Unit Weight | External Diameter | Length | Shell Material | Units per Case | Case Weight |
|---------|-------------|-------------------|--------|----------------|----------------|-------------|
| CL150 | 1/3 lb | 1.5" | 5" | Plastic | 150 | 49.6 lb |
| CL250 | 1/2 lb | 1.9" | 5.2" | Plastic | 90 | 49.6 lb |
| CL450 | 1 lb | 2.6" | 5" | Cardboard | 51 | 50.7 lb |
| CL900 | 2 lb | 3.3" | 5.3" | Cardboard | 26 | 51.6 lb |

Case Dimensions: 18.1" x 14.1" x 9.4" or 46 x 36 x 24 cm

Britex® CL RECOMMENDED USES

The Britex® CL boosters must be initiated with either a #8 strength (USBM) (or greater) detonator or at least 50 gr/ft (10 g/m) detonating cord. The Britex® CL boosters do not contain a sensitizing bottle or balloon and will not reliably detonate with 25 gr/ft (5 g/m) or less detonating cord.

Britex® CL STORAGE AND SHELF LIFE

Keep in original packaging and store in approved Class 1.1D rated magazines under cool, dry, and well-ventilated conditions.

Unused product has a 60-month shelf life.