

CAST BOOSTERS

Cast boosters are designed to provide high initiation/ detonation pressure to a wide range of explosives/ blasting agents. They consist of high density molecular explosive (PETN AND TNT) which are sensitive to intense impact, heat or friction, in a plastic shell. Each booster has two longitudinal passages that accommodate a detonator or detonating cord. Cast boosters are needed when a detonator doesn't have an adequate amount of energy to directly initiate an explosive. It detonates a cast booster which then delivers the shock waves to the explosive or blasting agent. A recessed well at the base of the booster provides protection to the Detonating cord, signal tube or lead wires from any damage.

ADVANTAGES

- Cast Boosters have long storage life since it has no liquid ingredients and can be operated easily
- Excellent shelf life, highly resistant to water and oil
- Convenient to use and assemble
- Do not contain Nitro-Glycerin, hence, less sensitive to shock and friction
- High density and a high velocity of detonation maximises performance and makes them good primers and boosters.

SAFETY

- Should be transported, stored and handled with care.
- Avoid impact with solid surfaces or other Cast Boosters. This may lead damage that could lead to a misfire, or a premature initiation.
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- Also, usage of boosters with detonators that cannot be completely fitted within the boosters should be strictly avoided as the detonator might be harmed during charging if not watched. This could lead to untimely detonation
- Cast boosters may be used at temperatures up to 65°C.

SBL ENERGY OFFERS CAST BOOSTERS IN 25GMS, 100GMS, 250GMS & 500GMS AS PER THE NEEDS OF OUR CLIENTS.



PRODUCT NAME	NEO BOOST
Classification	Class - 3, Div. - 2
Appearance	Yellowish Hard Solid Mass
Density	1.55 +0.05 gm/cc
VOD	6500 + 500 m/sec
Sensitivity	Cap Sensitive. Sensitive to No. 6 Detonator & Detonating Fuse
Water Resistance	Excellent
Weight per Cartridge	25gm/ 100gm/ 250gm/ 500gm
Package	25 Kgs. per box
Shelf Life	More than 24 month
Applications	<p>Initiation of non-cap sensitive charges in a bore hole, at any fixed point in a column of explosives charge.</p> <p>Used with ANFO, cartridges and bulk explosives to prime the boreholes.</p>